



**NIPPON
PAINT**

**WOOD
COATINGS**

**PRODUCT
CATALOG**







Nippon Paint was founded in 1881 in Tokyo by Moteki Jujiro and is currently the biggest coating manufacturer in Asia. The company is the first paint plant in Japan.

In 1962 it made its first step towards globalization by establishing a joint venture with a Singaporean company. A strategic shareholding was established between Nippon Paint Holdings Co. Ltd. and NIPSEA Group, whose head office is in Singapore, also the site of the first Nippon Paint factory. NIPSEA Group now extends across a total of 16 countries and regions. With, over 70 NIPSEA companies, and 22,000 employees in 16 locations exclusively in Asia, the Group offers services in line with the local needs of its customers.

Nippon Paint Holding operates in four different regions, namely Japan, Asia (NEP-SEA), the Americas, and Europe in numerous business lines, including automotive paints, decorative paints, industrial paints, marine paints, road line paints, and special technological paints, as well as paints used in the electronics and energy sectors. Nippon Paint Holdings has a total of 25.000 employees and over 150 companies across 27 countries and regions.

WOOD COATINGS



Limitless Color Options for Your Furnitures with Nippon Paint Wood Coatings

Nippon WoodColor Cellulosic Glossy Base



Base 1: NZ.B1.00
Base 2: NZ.B2.00
Base 3: NZ.B3.00

Nippon WoodColor Cellulosic Matt Base



10-15

Base 1: NZ.B1.10
Base 2: NZ.B2.10
Base 3: NZ.B3.10



40-45

Base 1: NZ.B1.40
Base 2: NZ.B2.40
Base 3: NZ.B3.40

Nippon WoodColor Polyurethane Glossy Base



Base 1: PZ.B1.00
Base 2: PZ.B2.00
Base 3: PZ.B3.00

Nippon WoodColor Polyurethane Matt Base



10-15

Base 1: PZ.B1.10
Base 2: PZ.B2.10
Base 3: PZ.B3.10



25-30

Base 1: PZ.B1.25
Base 2: PZ.B2.25
Base 3: PZ.B3.25



40-45

Base 1: PZ.B1.40
Base 2: PZ.B2.40
Base 3: PZ.B3.40

Nippon WoodColor Polyurethane Hardener

PZH.100

Nippon WoodColor Acrylic Glossy Base



Base 1: AZ.B1.00
Base 2: AZ.B2.00
Base 3: AZ.B3.00

Nippon WoodColor Acrylic Hardener

AZH.100

AREAS OF USAGE



KITCHEN FURNITURE



BATHROOM FURNITURE



OFFICE FURNITURE



DECORATIVE HOME FURNITURE



GENERAL PURPOSE FURNITURE



HIGH GLOSS PANEL



WOODEN DOOR



KID'S ROOM FURNITURE



LAMINATED PARQUET



WOODEN TOY



PANEL DOOR



MUSICAL INSTRUMENTS

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**NIPPON
PAINT**

**WOOD
COATINGS**

**POLYURETHANE FILLER
VARNISHES**



1st Component: PB.0100
2nd Component: PBH.0100



Nippon Polyurethane Wood Barrier

Product Definition

Clear, elastic PUR varnish with two components developed for insulation of trees including oils such as teak and rose.

Places of Use

Provides very good performance especially prior to polyester filler varnish to prevent bubbles and to increase adhesion on trees with extra open pores, solids and coatings.

Technical Specifications

Density	0.90± 0.03 g/cm ³
Package Viscosity	13-15" (20°C, DIN4)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	40±1%
Pot Life	5 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Viscosity	13-15 s. (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	150 gr/m ²

Time to Dry (22°C)

Dry to Touch	5 min.
Time for Sanding	5-6 hours

Consumption

7-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Wood Barrier. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio

	By Weight By Volume
Nippon Polyurethane Wood Barrier	100 Portions
Nippon Polyurethane Wood Barrier Hardener	100 Portions



1st Component: PF.3550
2nd Component: PFH.3550



Nippon Polyurethane Filler Varnish Rock 1+1

Product Definition

Two-component, transparent, easy-to-sand filler varnish with superior Filler and spreading capacity. It helps to prepare the surface for top-coat varnish to be applied. Excellent adhesion to all wood surfaces such as solid coating.

Places of Use

Used on all types of interior solid wood and coated surfaces to fill the pores and prepare a smooth surface for the top coat varnish.

Technical Specifications

Density	10.03 g/cm ³
Package Viscosity	125±5" (20°C, DIN6)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	55±1 %
Pot Life	>5 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix gun
Application Conditions	15°C-30°C, 40%-70% RH
Application Quantity	300-350 gr/m ²

Time to Dry (22°C)

Dry to Touch	10 min.
Rough Sanding	30 min.
Time for Sanding	24 hours

Consumption

8-10 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Filler Varnish Rock 1+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Filler varnish	100 PORTIONS	100 PORTIONS
Nippon Polyurethane Varnish Hardener	100 PORTIONS	107 PORTIONS
Nippon Polyurethane Thinner	-	-



1st Component: PF.1750
2nd Component: PFH.1750



Nippon Polyurethane Filler Varnish Full Fill 2+1

Product Definition

Two-component, polyurethane resin based, transparent filler varnish that has highly Filler ability. It has fast drying and easy sanding properties. It is used in order to fill the pores of all kinds of wooden coatings and wood and solid wood surfaces and therefore providing uniform surfaces.

Places of Use

Used on all types of interior solid wood and coated surfaces to fill the pores and prepare a smooth surface for the top coat varnish.

Technical Specifications

Density	1.00±0.05 g/cm ³
Package Viscosity	100±5" (20°C, DIN6)
Application Viscosity	15-16" (20°C, DIN4)
Solid Matter Amout (by weight)	47±2 %
Pot Life	>2 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix gun
Application Viscosity	15-16 sec. (20°C, DIN4)
Application Conditions	15°C-30°C, 40%-70% RH
Application Quantity	350-400 gr/m ²

Time to Dry (22°C)

Dry to Touch	10-15 min.
Rough Sanding	35-40 min.
Time for Sanding	16-18 hours

Consumption

3-4 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Filler Varnish Full Fill 2+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Filler Varnish Full Fill 2+1	100 UNITS	100 UNITS
Nippon Polyurethane Filler Varnish Hard. Full Fill	50 UNITS	47 UNITS
Nippon Polyurethane thinner	15-20 UNITS	17-23 UNITS



1st Component: PF.0220
2nd Component: PFH.0220



Nippon Polyurethane Filler Varnish

Product Definition

Two-component filler varnish which can be sanded easily alongside its highly transparent, very good Filler and spreading characteristics. Adheres perfectly to all wooden surfaces such as solid coatings.

Places of Use

Used to fill pores in all kinds of solid wood and coating surfaces used indoors and to prepare a smooth surface for top coat varnishes

Technical Specifications

Density	0.95± 0.03 g/cm ³
Package Viscosity	105± 5" (20°C, DIN6)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	47±1%
Pot Life	(22°C) 3 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 gr/m ²

Time to Dry (22°C)

Dry to Touch	10 min.
Rough Sanding	40 min.
Time for Sanding	16 hours

Consumption

8-10 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Filler Varnish. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Filler Varnish	100 PORTIONS	100 PORTIONS
Nippon Polyurethane Varnish Hardener	50 PORTIONS	50 PORTIONS
Nippon Polyurethane Thinner	25-30 PORTIONS	25-30 PORTIONS



1st Component: PF.3310
2nd Component: PFH.3310



Nippon Polyurethane Filler Varnish Fast 2+1

Product Definition

Two-component, high Filler, easy-to-sand and good adhesion, fast drying polyurethane filler varnish.

Places of Use

Applied to prime interior solid wood, coated and wooden surfaces are used to prepare the surface for the top coat varnishes.

Technical Specifications

Density	1.05±0.03 g/cm ³
Package Viscosity	100-110 (25°C, KU)
Application Viscosity	15-17" (20°C, DIN4)
Solid Matter Amount (by weight)	55±1%
Pot Life	<1 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix gun
Application Viscosity	15-17 sec. (20°C, DIN4)
Application Conditions	15°C-30°C, 40%-70% RH
Application Quantity	300-350 gr/m ²

Time to Dry (22°C)

Dry to Touch	5 min.
Rough Sanding	30 min.
Time for Sanding	16 hours

Consumption

8-10 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Filler Varnish Fast 2+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Filler Varnish Fast	100 UNITS	100 UNITS
Nippon Polyurethane Filler Varnish Hardener Fast	50 UNITS	50 UNITS
Nippon Polyurethane Thinner	15-20 UNITS	18-25 UNITS



1st Component: PF.2340
2nd Component: PFH.2340



Nippon Polyurethane Filler Varnish Special

Product Definition

Two-component, high Filler, easy-to-sand and good adhesion, fast drying polyurethane filler varnish.

Places of Use

Applied to prime interior solid wood, coated and wooden surfaces are used to prepare the surface for the top coat varnishes.

Technical Specifications

Density	1,02±0,03 g/cm ³
Package Viscosity	110-120" (20°C DIN4)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Ammount (by weight)	50±1%
Pot Life	2- 3 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix gun
Application Conditions	15°C-30°C, 40%-70% RH
Application Quantity	300-350 g/m ²

Time to Dry (22°C)

Dry to Touch	5 min.
Rough Sanding	20 min.
Time for Sanding	16 hours

Consumption

8-10 m² area can be coated in 1 layer depending on surface application method with 1 kg of Nippon Polyurethane Filler Varnish Special. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Filler Varnish Special	100 UNITS	100 UNITS
Nippon Polyurethane Filler Varnish Extra Hardener	50 UNITS	50 UNITS
Nippon Polyurethane Thinner	20-25 UNITS	25-30 UNITS



1st Component: PF.1110
2nd Component: PFH.1110



Nippon Polyurethane Filler Varnish Express

Product Definition

Two-component, fast-drying polyurethane filler varnish with high filler, easy sanding and the best adhesion characteristics.

Places of Use

Used to prepare MDF and wooden surfaces used indoors for top coat paints.

Technical Specifications

Density	1.02± 0.03 g/cm ³
Package Viscosity	110-120 (20°C DIN4)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	50±1 %
Pot Life	2-3 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 gr/m ²

Time to Dry (22°C)

Dry to Touch	5 min.
Rough Sanding	30 min.
Time for Sanding	16 hours

Consumption

8-10 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Filler Varnish Express. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Filler Express	100 PORTIONS	100 PORTIONS
Nippon Polyurethane Filler Hardener	50 PORTIONS	50 PORTIONS
Nippon Polyurethane Thinner	20-25 PORTIONS	25-30 PORTIONS







**NIPPON
PAINT**

**WOOD
COATINGS**

**POLYURETHANE TOP-COAT
VARNISHES**



1st Component: PV.745.00
2nd Component: PVH.745



Nippon Polyurethane Gloss Varnish Premium 1+1

Product Definition

Two component, polyurethane resin based, transparent top-coat varnish that provides a perfect finish on the surface with firm appearance. In addition to its highly yellowing resistance against UV rays, it provides net appearance on the surface film and it provides fast processing ability due to pasta/polish application capability after 24 hours. Top-coat varnish product that forms flexible film layer due to its polyurethane structure.

Places of Use

Top-coat varnish applied on MDF and wooden surfaces primed with Nippon Polyurethane or Polyester Filler Varnish to provide protection and a decorative appearance.

Technical Specifications

Density	1.02±0.03 g/cm ³
Package Viscosity	35±5" (20°C, DIN6)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	60±1 %
Pot Life	6 hours
Gloss Level (gloss)	>90

Application Suggestions

Applied on Nippon Polyurethane or Polyester Filler is applied and sanded surfaces.

Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 10 to 15 minutes after each coat.

Application Method	Air spray or air mix gun
Application Viscosity	13-15 sec. (20°C, DIN4)
Application Conditions	15°C-30°C, 40%-70% RH
Application Quantity	300-350 gr/m ²

Time to Dry (20°C)

Dry to Touch	12-15 min.
Time to Wax Polish	24 hours
Dry to Stack	48 hours

Consumption

8-10 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Gloss Varnish Premium 1+1. Controlled sampling should be made for exact consumption.

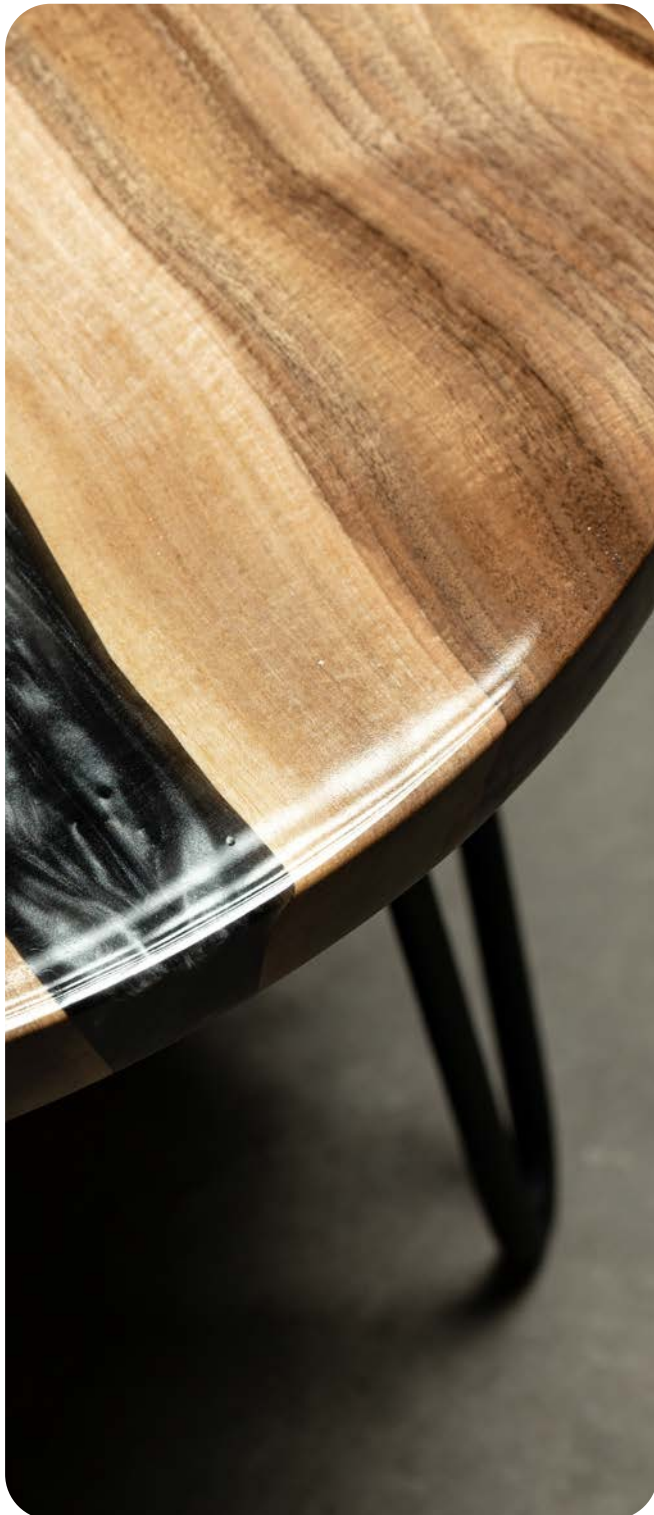
Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Gloss Varnish Premium	100 UNITS	100 UNITS
Nippon Polyurethane Gloss Varnish Hard. Premium	100 UNITS	94 UNITS
Nippon Polyurethane Thinner	50-60 UNITS	55-68 UNITS



1st Component: PV.610.00
2nd Component: PVH.610



Nippon Polyurethane Gloss Varnish 1+1

Product Definition

Two-component top coat gloss varnish constituting a scratch resistant, hard, tough, solid and flexible film layer with high yellowing resistance.

Places of Use

Top coat varnish applied on solid, wooden and coated surfaces indoors on which Nippon Polyurethane or Polyester Filler was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	1.02± 0.03 g/cm ³
Package Viscosity	38± 5" (20°C , D4)
Application Viscosity	14-15" (20°C, DIN4)
Solid Matter Amount (by weight)	53±1%
Gloss Level (gloss)	95-100 gloss
Pot Life	6 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 gr/m ²

Time to Dry (22°C)

Dry to Touch	30 min.
Time to Wax Polish	24 hours

Consumption

8-10 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Gloss Varnish 1+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Gloss Varnish	100 PORTIONS	100 PORTIONS
Nippon Polyurethane Varnish Hardener	100 PORTIONS	100 PORTIONS
Nippon Polyurethane Thinner	25-30 PORTIONS	25-30 PORTIONS



1st Component: PV.222.00
2nd Component: PVH.222

Nippon Polyurethane Gloss Varnish

Product Definition

Two-component top coat gloss varnish constituting a durable, tough and flexible film layer against scratches on the surface it is applied.

Places of Use

Top coat varnish applied on solid, wooden and coated surfaces indoors on which Nippon Polyurethane or Polyester Filler was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	1.00± 0.03 g/cm ³
Package Viscosity	25± 3" (20°C , DIN4)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	53±1%
Gloss Level (gloss)	95-100 gloss
Pot Life	5 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 gr/m ²

Time to Dry (22°C)

Dry to Touch	30 min.
Time to Wax Polish	24 hours
Dry to Stack	48 hours

Consumption

7-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Gloss Varnish. Controlled sampling should be made for exact consumption.

Storage

It can be stored for 1 year in its unopened, original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Gloss Varnish	100 PORTIONS	100 PORTIONS
Nippon Polyurethane Varnish Hardener	100 PORTIONS	100 PORTIONS
Nippon Polyurethane Thinner	10 PORTIONS	12 PORTIONS





1st Component: PV.290.00
2nd Component: PVH.290



Nippon Polyurethane Gloss Varnish 1+1

Product Definition

Polyurethane based two-component top coat gloss varnish constituting a durable, tough and flexible film layer against scratches on the surface it is applied.

Places of Use

Top coat varnish applied on solid, wooden and coated surfaces indoors on which Nippon Polyurethane or Polyester Filler was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	1.00± 0.03 g/cm ³
Package Viscosity	40-50" (20°C, DIN4)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	51±1%
Gloss Level (gloss)	95-100 gloss
Pot Life	8 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 gr/m ²

Time to Dry (22°C)

Dry to Touch	60 min.
Time to Wax Polish	24 hours.
Dry to Stack	60 hours

Consumption

7-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Gloss Varnish 1+1. Controlled sampling should be made for exact consumption.

Storage

It can be stored for 1 year in its unopened, original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Gloss Varnish	100 PORTIONS	100 PORTIONS
Nippon Polyurethane Varnish Hardener	100 PORTIONS	100 PORTIONS
Nippon Polyurethane Thinner	10 PORTIONS	10 PORTIONS





1st Component: PV.360.00
2nd Component: PVH.360



Nippon Polyurethane Varnish Extra Gloss 2+1

Product Definition

Polyurethane based two-component top coat gloss varnish constituting a durable, tough and flexible film layer against scratches on the surface it is applied.

Places of Use

Top coat varnish applied on solid, wooden and coated surfaces indoors on which Nippon Polyurethane or Polyester Filler was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	1.00± 0.03 g/cm ³
Package Viscosity	50-60" (20°C, DIN4)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	49±1%
Gloss Level (gloss)	95-100 gloss
Pot Life	6 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Viscosity	13-15 s. (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 gr/m ²

Time to Dry (22°C)

Dry to Touch	60 min.
Time to Wax Polish	24 hours
Dry To Stack	60 hours

Consumption

7-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Varnish Extra Gloss 2+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Extra Gloss Varnish	100 PORTIONS	100 PORTIONS
Nippon Polyurethane Varnish Hardener	50 PORTIONS	50 PORTIONS
Nippon Polyurethane Thinner	25 PORTIONS	25 PORTIONS





Nippon Polyurethane Matt Varnish Rock 1+1

Product Definition

Two-component, polyurethane top-coat matte varnish that forms a hard and flexible film layer which is resistant to scratches on the application surface. It has very good surface touching characteristic and a natural appearance. One of the major advantages is not to cause whitening when applied in high weight.

Places of Use

Top-coat varnish applied on interior solid wood, wood and coated surfaces applied with Nippon Polyurethane or Polyester Filler to provide protection and a decorative appearance.

Extra Semi Matt

60-65

1st Component: PV.785.60
2nd Component: PVH.785

MATT
60

Semi Matt

40-45

1st Component: PV.785.40
2nd Component: PVH.785

MATT
40

Special Matt

20-25

1st Component: PV.785.25
2nd Component: PVH.785

MATT
25

Special Matt

10-15

1st Component: PV.785.10
2nd Component: PVH.785

MATT
10

Technical Specifications

Density	1±0,2 g/cm ³
Package Viscosity	603" (20°C, DIN4)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	38±1 %
Pot Life	>5 hours

Application Suggestions

Applied on Nippon Polyurethane or Polyester Filler applied and sanded surfaces. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Waiting time should be 15 to 20 minutes after each coat.

Application Method	Air spray or air mix gun
Application Conditions	15°C-30°C, 40%-70% RH
Application Quantity	200-250 gr/m ²

Time to Dry (20°C)

Dry to Touch	10 min.
Dry to Stack	24 hour

Consumption

10-12 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Matt Varnish Rock 1+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Matt Rock Varnish	100 UNITS	100 UNITS
Nippon Polyurethane Matt Rock Varnish Hardener	100 UNITS	106 UNITS
Nippon Polyurethane Thinner	-	-



Nippon Polyurethane Scratch-Proof Matt Varnish

Product Definition

Polyurethane based two-component matt varnish which is top coat by volume and forms a physically scratch-proof and chemically water and detergent resistant film.

Places of Use

Top coat varnish applied on solid, wooden and coated surfaces indoors on which Nippon Polyurethane or Polyester Filler was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	0.98± 0.03 g/cm ³
Package Viscosity	55-65" (20°C, DIN6)
Application Viscosity	30-40" (20°C, DIN4)
Solid Matter Amount (by weight)	38±1%
Pot Life	4 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	200 - 250 gr/m ²

Time to Dry (22°C)

Dry to Touch	45 min.
Dry to Stack	24 hours

Consumption

7-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Scratch-Proof Matt Varnish. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Matt Varnish	100 PORTIONS	100 PORTIONS
Nippon Polyurethane Varnish Hardener	40 PORTIONS	50 PORTIONS
Nippon Polyurethane Thinner	60 PORTIONS	60 PORTIONS

Semi Matt

40-45

1st Component: PV.455.40
2nd Component: PVH.455

MATT
40

Special Matt

25-30

1st Component: PV.455.25
2nd Component: PVH.455

MATT
25

Matt

10-15

1st Component: PV.455.10
2nd Component: PVH.455

MATT
10





Nippon Polyurethane Matt Varnish 3+1

Product Definition

Two-component topcoat matte varnish that forms a scratch-resistant, hard and flexible film on the applied surfaces.

Places of Use

Topcoat varnish applied on interior, Nippon Polyurethane or Polyester Filler applied solid, wooden and coated surfaces to provide protection and achieve a decorative appearance.

Semi Matt

40-45

1st Component: PV.410.40
2nd Component: PVH.410

MATT
40

Special Matt

20-25

1st Component: PV.410.25
2nd Component: PVH.410

MATT
25

Matt

10-15

1st Component: PV.410.10
2nd Component: PVH.410

MATT
10

Technical Specifications

Density	1,00±0.03 g/cm ³
Package Viscosity	35-45" (20°C, DIN6)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	45±1%
Gloss Level (gloss)	Matt-10; 10-15 Matt-25; 25-30 Matt-40; 40-45
Pot Life	3 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	200-250 gr/m ²

Time to Dry (22°C)

Dry to Touch	60 min.
Dry to Stack	24 hours

Consumption

10-12 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Matt Varnish 3+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Matt Varnish	100 UNITS	100 UNITS
Nippon Polyurethane Varnish Hardener	33 UNITS	33 UNITS
Nippon Polyurethane Thinner	100 UNITS	100 UNITS





Nippon Polyurethane Matt Varnish

Product Definition

Two-component top coat varnish constituting a durable, tough and flexible film layer against scratches on the surface it is applied.

Places of Use

Top coat varnish applied on solid, wooden and coated surfaces indoors on which Nippon Polyurethane or Polyester Filler was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	0.95± 0.03 g/cm ³
Package Viscosity	55-65" (20°C, DIN6)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	42±1%
Pot Life	4 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	200 - 250 gr/m ²

Time to Dry (22°C)

Dry to Touch	30 min.
Dry to Stack	24 min.

Consumption

7-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Matt Varnish. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Matt Varnish	100 PORTIONS	100 PORTIONS
Nippon Polyurethane Varnish Hardener	25 PORTIONS	25 PORTIONS
Nippon Polyurethane Thinner	100 PORTIONS	100 PORTIONS

Extra Semi Matt

60-65

MATT
60

1st Component: PV.330.60
2nd Component: PVH.330

Semi Matt

40-45

MATT
40

1st Component: PV.330.40
2nd Component: PVH.330

Special Matt

25-30

MATT
25

1st Component: PV.330.25
2nd Component: PVH.330

Matt

10-15

MATT
10

1st Component: PV.330.10
2nd Component: PVH.330





Nippon Polyurethane Matt Varnish 4+1

Product Definition

Two-component top coat varnish constituting a durable, tough and flexible film layer against scratches on the surface it is applied.

Places of Use

Top coat varnish applied on solid, wooden and coated surfaces indoors on which Nippon Polyurethane or Polyester Filler was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	1.00± 0.03 g/cm ³
Package Viscosity	130-140" (20°C, DIN6)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	40±1%
Pot Life	4 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	200 - 250 gr/m ²

Time to Dry (22°C)

Dry to Touch	60 min.
Dry to Stack	24 min.

Consumption

7-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Matt Varnish 4+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Matt Varnish	100 PORTIONS	100 PORTIONS
Nippon Polyurethane Varnish Hardener	25 PORTIONS	25 PORTIONS
Nippon Polyurethane Thinner	100 PORTIONS	100 PORTIONS

Semi Matt

40-45

1st Component: PV.488.40
2nd Component: PVH.488

MATT
40

Special Matt

25-30

1st Component: PV.488.25
2nd Component: PVH.488

MATT
25

Matt

10-15

1st Component: PV.488.10
2nd Component: PVH.488

MATT
10







**NIPPON
PAINT**

**WOOD
COATINGS**

POLYURETHANE PRIMERS



1st Component: PP.0200
2nd Component: PPH.0200



Nippon Polyurethane MDF Barrier

Product Definition

Two-component, Hard and elastic barrier used to ensure a good adhesion between polyurethane, acrylic and polyester primers and to eliminate the risk of cracking.

Places of Use

Used in MDF, milled open areas of MDF surfaces, polyester molding and polyurethane molding parts.

Technical Specifications

Density	1.01± 0.03 g/cm ³
Package Viscosity	120± 5 KU (25°C)
Application Viscosity	15 - 17" (20°C, DIN4)
Solid Matter Amount (by weight)	57 - 59 %
Pot Life	2 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Viscosity	15 - 17 s." (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	150 gr/m ²

Time to Dry (22°C)

Dry to Touch	10 min.
Time for Rough Sanding	30 min.
Time for Sanding	3.5 hours

Consumption

7-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane MDF Barrier. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane MDF Barrier	100 PORTIONS	100 PORTIONS
Nippon Polyurethane MDF Barrier Hardener	33 PORTIONS	37 PORTIONS
Nippon Polyurethane Thinner	60-70 PORTIONS	54-63 PORTIONS



1st Component: PP.6880
2nd Component: PPH.6880



Nippon Polyurethane Primer 2,5+1

Product Definition

Two-component, polyurethane resin based flexible primer that has highly covering ability. It adheres firmly to the wooden surfaces it is applied and it eliminates problems such as cracking by forming a flexible structure on the surface due to its polyurethane structure. It is suitable to use in spray lines with manual application and it uses recycling material thus increases production efficiency and lowers material losses to minimum level.

Places of Use

Primer applied on interior MDF and wooden surfaces, which is used for surface preparation purpose before top-coat paint application.

Technical Specifications

Density	1.40±0.02 g/cm ³
Package Viscosity	120±3 (20°C, KU)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	75.5±1 %
Pot Life	3-4 hours
Gloss Level (gloss)	-

Application Suggestions

1st Component should be mixed in the packaging until it becomes properly homogeneous. 2nd Component should be added and should be mixed for 5-10 minutes. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 10 to 15 minutes after each coat.

Application Method	Air spray or air mix gun
Application Viscosity	14-16 sec. (20°C, DIN4)
Application Conditions	15°C-30°C, 40%-70% RH
Application Quantity	350-400 gr/m ²

Time to Dry (22°C)

Dry to Touch	10-15 min.
Time for Rough Sanding	30-35 min.
Time for Sanding	24 hours

Consumption

4-6m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Primer 2,5+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Primer	100 UNITS	100 UNITS
Nippon Polyurethane Primer Hardener	40 UNITS	60 UNITS
Nippon Polyurethane Thinner	15-20 UNITS	20-25 UNITS



1st Component: PP.5550
2nd Component: PPH.5550



Nippon Polyurethane Primer Flex 2,5+1

Product Definition

Two-component, polyurethane resin based flexible primer that has highly covering ability. It adheres firmly to the wooden surfaces it is applied and it eliminates problems such as cracking by forming a flexible structure on the surface due to its polyurethane structure. It is suitable to use in spray lines with manual application and it uses recycling material thus increases production efficiency and lowers material losses to minimum level.

Places of Use

Primer applied on interior MDF and wooden surfaces, which is used for surface preparation purpose before top-coat paint application.

Technical Specifications

Density	1.40±0.05 g/cm ³
Package Viscosity	120±5" (20°C, DIN4)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	75.5±1 %
Pot Life	2-3 hours
Gloss Level (gloss)	-

Application Suggestions

1st Component should be mixed in the packaging until it becomes properly homogeneous. 2nd Component should be added and should be mixed for 5-10 minutes. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 10 to 15 minutes after each coat.

Application Method	Air spray or air mix gun
Application Viscosity	14-16 sec. (20°C, DIN4)
Application Conditions	15°C-30°C, 40%-70% RH
Application Quantity	350-400 gr/m ²

Time to Dry (22°C)

Dry to Touch	5-10 min.
Time for Rough Sanding	1 hour
Time for Sanding	24 hours

Consumption

4-6m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Primer Flex 2,5+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Flex Primer	100 UNITS	100 UNITS
Nippon Polyurethane Flex Primer Hardener	40 UNITS	45 UNITS
Nippon Polyurethane Thinner	15-20 UNITS	20-25 UNITS



Black and Brown color options available.

1st Component: PP.5500
2nd Component: PPH.5500

Nippon Polyurethane Primer White

Product Definition

Two-component primer with fast drying and high bonding characteristic, high Filler strength and covering which is easy to sand.

Places of Use

Used to prime MDF and wooden surfaces used indoors and to prepare a surface for top coat paints.

Technical Specifications

Density	1.60± 0.03 g/cm ³
Package Viscosity	130± 5 KU (25°C)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	77±1%
Pot Life	4-6 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 gr/m ²

Time to Dry (22°C)

Dry to Touch	10 min.
Time for Rough Sanding	60 min.
Time for Sanding	16 hours

Consumption

8-10 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Primer White. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Primer	100 PORTIONS	100 PORTIONS
Nippon Polyurethane Primer Hardener	33 PORTIONS	50 PORTIONS
Nippon Polyurethane Thinner	15 PORTIONS	20-25 PORTIONS





1st Component: PP.7480
2nd Component: PPH.7480



Nippon Polyurethane MDF Primer White

Product Definition

Two-component primer with high Filler and covering strength, easy sanding and very good adhesion to MDF surfaces.

Places of Use

Used to prime MDF and wooden surfaces used indoors and to prepare a surface for top coat paints.

Technical Specifications

Density	1.50± 0.03 g/cm ³
Package Viscosity	120-130 KU (25°C)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	78±1 %
Pot Life	5 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 g/m ²

Time to Dry (22°C)

Dry to Touch	15 min.
Time for Rough Sanding	60 min.
Time for Sanding	16 hours

Consumption

8-10 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane MDF Primer White. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane MDF Primer	100 PORTIONS	100 PORTIONS
Nippon Polyurethane MDF Primer Hardener	33 PORTIONS	50 PORTIONS
Nippon Polyurethane Thinner	20 PORTIONS	30 PORTIONS



Black and Brown color options available.



1st Component: PP.3330
2nd Component: PPH.3330



Nippon Polyurethane Primer 3+1

Product Definition

Two-component polyurethane primer with high covering and easy sanding characteristics.

Places of Use

Used to prime MDF and wooden surfaces used indoors and to prepare a surface for top coat paints.

Technical Specifications

Density	1.55± 0.03 g/cm ³
Package Viscosity	110-130 (KU) (25°C)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	78±1 %
Pot Life	2 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 gr/m ²

Time to Dry (22°C)

Dry to Touch	15 min.
Time for Rough Sanding	60 min.
Time for Sanding	16 hours

Consumption

8-10 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Primer 3+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Primer	100 PORTIONS	100 PORTIONS
Nippon Polyurethane Primer Hardener	33 PORTIONS	50 PORTIONS
Nippon Polyurethane Thinner	15 PORTIONS	20-25 PORTIONS



Black and white



1st Component: PP.6310
2nd Component: PPH.6310



Nippon Polyurethane Fon Primer 4+1

Product Definition

Two-component, polyurethane resin-based primer that adheres well to the surface where it is applied and has good spreading properties. It has good Filler power and covering and provides manufacturers with the opportunity to complete the work in a short time thanks to its fast drying and easy sanding feature. It helps to cover these parts and obtain a smooth surface by applying to the bottom areas after sanding on the surfaces where Polyurethane or Polyester primer is applied.

Places of Use

It is used on MDF and wood surfaces used indoors to prepare a smooth surface before topcoat application.

Technical Specifications

Density	1.50±0.02 g/cm ³
Package Viscosity	80-85" (20°C, KU)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	70-72%
Pot Life	1.5-2 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix gun
Application Viscosity	15-17 sec. (20°C, DIN4)
Application Conditions	15°C-30°C, 40%-70% RH
Application Quantity	180-190 gr/m ²

Time to Dry (20°C)

Dry to Touch	10-15 min.
Time for Rough Sanding	30-35min.
Time for Sanding	12-14 hour

Consumption

6-8m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Fon Primer. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Base Primer	100 UNITS	100 UNITS
Nippon Polyurethane Base Primer Hardener	25 UNITS	16 UNITS
Nippon Polyurethane Thinner	15-25 UNITS	20-25 UNITS



1st Component: PP.6120
2nd Component: PPH.6120



Nippon Polyurethane Fon Primer Black 4+1

Product Definition

Two-component, fast drying, highly adhesive, easy-to-sand primer with high Filler and coverage strength.

Places of Use

Applied to prime interior MDF and wooden surfaces, and to prepare the surface for the top coat paint.

Technical Specifications

Density	1.55±0.03 g/cm ³
Package Viscosity	120-130 KU (25°C)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	78±1%
Pot Life	4-6 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix gun
Application Conditions	15°C-30°C, 40%-70% RH
Application Quantity	300-350 gr/m ²

Time to Dry (22°C)

Dry to Touch	10 min.
Time for Rough Sanding	30 min
Time for Sanding	16 hours

Consumption

4-6m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Fon Primer Black 4+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Primer Black	100 UNITS	100 UNITS
Nippon Polyurethane Primer Black Hardener	25 UNITS	25 UNITS
Nippon Polyurethane Thinner	15 UNITS	20-25 UNITS



1st Component: PP.4020
2nd Component: PPH.4020



Nippon Polyurethane Fon Primer White 4+1

Product Definition

Two-component, polyurethane resin-based primer that adheres well to the surface where it is applied and has good spreading properties. It has good Filler power and covering and provides manufacturers with the opportunity to complete the work in a short time thanks to its fast drying and easy sanding feature. It helps to cover these parts and obtain a smooth surface by applying to the bottom areas after sanding on the surfaces where Polyurethane or Polyester primer is applied.

Places of Use

It is used on MDF and wood surfaces used indoors to prepare a smooth surface before topcoat application.

Technical Specifications

Density	1.35±0.03 g/cm ³
Package Viscosity	85-90" (20°C, DIN6)
Application Viscosity	15-17" (20°C, DIN4)
Solid Matter Amount (by weight)	70-72%
Pot Life	1.5-2 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix gun
Application Viscosity	15-17 sec. (20°C, DIN4)
Application Conditions	15°C-30°C, 40%-70% RH
Application Quantity	120-150 gr/m ²

Time to Dry (20°C)

Dry to Touch	10-15 min.
Time for Rough Sanding	30-35 min.
Time for Sanding	12-14 hours

Consumption

6-8m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Fon Primer White 4+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Base Primer	100 UNITS	100 UNITS
Nippon Polyurethane Base Primer Hardener	25 UNITS	34 UNITS
Nippon Polyurethane Thinner	25-30 UNITS	28-32 UNITS



1st Component: PP.6110
2nd Component: PPH.6110

Nippon Polyurethane Spray Primer White 3+1

Product Definition

Two-component, quick drying primer that dries fast, good adhesion, suitable for use on machine lines, high Filler power and coverage and easy sanding.

Places of Use

Used for priming MDF and wooden surfaces used in interior spaces and to prepare surfaces for topcoat paints.

Technical Specifications

Density	1,55±0.03 g/cm ³
Packing Viscosity	120-130 KU (25°C)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	78±1%
Pot Life	>6 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 g/m ²

Time to Dry (22°C)

Dry to Touch	20 min.
Time for Rough Sanding	45 min.
Time for Sanding	24 hours

Consumption

8-10m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Spray Primer White 3+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Spray Primer	100 UNITS	100 UNITS
Nippon Polyurethane Spray Primer Hardener	33 UNITS	50 UNITS
Nippon Polyurethane Thinner	20 UNITS	30 UNITS







***NIPPON
PAINT***

***WOOD
COATINGS***

**POLYURETHANE
TOP-COAT PAINTS**



1st Component: PL.600.00
2nd Component: PLH.600



Nippon Polyurethane Gloss Shiny White 2+1

Product Definition

Two-component, polyurethane resin based, highly Gloss top-coat paint that has high surface clearness and perfect Filler. With manual application, it might be used in machine lines also with suitable thinner product. After 24 hours pasta&polish process might be applied. Paint that might form flexible and highly covering film layer due to its polyurethane structure.

Places of Use

Top-coat paint applied on interior MDF, wood and coated surfaces primed with Nippon Polyester Primer to provide protection and a decorative appearance.

Technical Specifications

Density	1.30±0.05 g/cm ³
Package Viscosity	90±5" (20°C, DIN4)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	66.5±1 %
Pot Life	6 hours
Gloss Level (gloss)	>90

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix gun
Application Viscosity	13-15 sec. (20°C, DIN4)
Application Conditions	15°C-30°C, 40%-70% RH
Application Quantity	250-300 gr/m ²

Time to Dry (22°C)

Dry to Touch	20 min.
Time to Wax Polish	24 Hours
Dry To Stack	48 hours

Consumption

6-8m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Gloss Shiny White 2+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Gloss Shiny	100 UNITS	100 UNITS
Nippon Polyurethane Gloss Shiny Hardener	50 UNITS	65 UNITS
Nippon Polyurethane Thinner	35-40 UNITS	40-50 UNITS



1st Component: PL.454.00
2nd Component: PLH.454



Nippon Polyurethane H.00 Gloss Paint White

Product Definition

Two-component, fast-drying top coat Gloss paint with high yellowing resistance constituting a durable, tough and flexible film layer against scratches on the surface it is applied.

Places of Use

Top coat paint applied on MDF and wooden surfaces indoors on which Nippon Polyurethane or Polyester Primer was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	1.30± 0.03g/cm ³
Package Viscosity	80-90 s. (20°C, DIN4)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	66±1 %
Gloss Level (gloss)	95-100 gloss
Pot Life	4 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 gr/m ²

Time to Dry (22°C)

Dry to Touch	20 min.
Time to Wax Polish	24 min.
Dry To Stack	48 hours

Consumption

7-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane H.00 Gloss Paint White. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane H.00 Gloss White Paint	100 PORTIONS	100 PORTIONS
Nippon Polyurethane Paint New Hardener	50 PORTIONS	62.5 PORTIONS
Nippon Polyurethane Thinner	30 PORTIONS	30 PORTIONS



1st Component: PL.250.00
2nd Component: PL.H.250



Nippon Polyurethane Gloss Paint White 2+1

Product Definition

Two-component top coat gloss paint constituting a durable, tough and flexible film layer against scratches on the surface it is applied.

Places of Use

Top coat paint applied on MDF and wooden surfaces indoors on which Nippon Polyurethane or Polyester Primer was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	1.25± 0.03 g/cm ³
Package Viscosity	40-50" (20°C, DIN6)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	69±1 %
Gloss Level (gloss)	95-100 gloss
Pot Life	4-6 hours

Application Suggestions

Applied on Nippon Polyurethane or Polyester Primer applied and sanded surfaces. The mixture prepared for application is recommended to be used after mixing thoroughly and having waited for 10-15 minutes. You should wait 10-15 minutes between layers.

Application Method	Air spray or air mix air gun
Application Viscosity	(DIN CUP 4 / 20°C) 13-15s.
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 gr/m ²

Time to Dry (22°C)

Dry to Touch	20 min.
Time to Wax Polish	24 hours
Dry To Stack	48 hours

Consumption

6-8m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Gloss Paint White 2+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Gloss Paint	100 PORTIONS	100 PORTIONS
Nippon Polyurethane Gloss Paint Hardener	50 PORTIONS	65 PORTIONS
Nippon Polyurethane Thinner	20-25 PORTIONS	20-30 PORTIONS



Nippon Polyurethane Real Matt Paint 2+1

Product Definition

Two-component, polyurethane resin based, enhanced top-coat varnish that has surface touching characteristic and doesn't cause streaming-drooping in vertical applications. It is yellowing and shining resistance as well as perfect diffusion characteristic. Paint that might form a flexible and highly covering film layer due to its polyurethane structure.

Places of Use

Top-coat paint applied on interior MDF, wood and coated surfaces primed with Nippon Polyurethane Primer to provide protection and a decorative appearance.

Semi Matt

MATT
40

40-45

1st Component: PL.475.40
2nd Component: PLH.475

Special Matt

MATT
25

25-30

1st Component: PL.475.25
2nd Component: PLH.475

Matt

MATT
10

10-15

1st Component: PL.475.10
2nd Component: PLH.475

Matt

MATT
05

5-10

1st Component: PL.475.05
2nd Component: PLH.475

Technical Specifications

Density	1.30±0.05 g/cm ³
Package Viscosity	48±2" (20°C, DIN6)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	65±2 %
Pot Life	6 hours
Gloss Level (gloss)	10-15 25-30 40-45

Application Suggestions

Applied on Nippon Polyurethane or Polyester Primer applied and sanded surfaces. The mixture prepared for application is recommended to be used after mixing thoroughly and having waited for 10-15 minutes

Application Method	Air spray or air mix gun
Application Viscosity	13-15 sec. (20°C, DIN4)
Application Conditions	15°C-30°C, 40%-70% RH
Application Quantity	250-300 gr/m ²

Time to Dry (22°C)

Dry to Touch	5-8 min.
Dry to Stack	24 hours

Consumption

6-8m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Real Matt Paint 2+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Real Matt Paint	100 UNITS	100 UNITS
Nippon Polyurethane Real Matt Paint Hardener	50 UNITS	65 UNITS
Nippon Polyurethane Thinner	20-25 UNITS	25-30 UNITS

POLYURETHANE TOP-COAT PAINTS





Nippon Polyurethane Matt Paint White

Product Definition

Two-component, fast-drying top coat paint with high Filler performance and yellowing resistance.

Places of Use

Top coat paint applied on MDF and wooden surfaces indoors on which Nippon Polyurethane or Polyester Primer was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	1.40± 0.03 g/cm ³
Package Viscosity	85-95 s. (20°C, DIN6)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	70±1%
Pot Life	> 8 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Viscosity	13-15 s. 13-15" (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	200 - 250 gr/m ²

Time to Dry (22°C)

Dry to Touch	15 min.
Dry to Stack	24 min.

Consumption

7-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Matt Paint White. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Matt Paint	100 PORTIONS	100 PORTIONS
Nippon Polyurethane Paint Hardener	50 PORTIONS	62.5 PORTIONS
Nippon Polyurethane Thinner	25-30 PORTIONS	30-35 PORTIONS

Semi Matt

MATT
40

40-45

1st Component: PL.330.40
2nd Component: PLH.330

Special Matt

MATT
25

25-30

1st Component: PL.330.25
2nd Component: PLH.330

Matt

MATT
10

10-15

1st Component: PL.330.10
2nd Component: PLH.330



Nippon Polyurethane Matt Paint Smooth White 2+1

Product Definition

Two-component, polyurethane resin based, enhanced top-coat varnish that has surface touching characteristic and doesn't cause streaming-drooping in vertical applications. In addition to its perfect spreading characteristic, its fast drying characteristic provides the ability to do much in a small period of time and it is shining resistant. Paint that might form a flexible and highly covering film layer due to its polyurethane structure.

Places of Use

Top-coat paint applied on interior MDF, wood and coated surfaces primed with Nippon Polyurethane Primer to provide protection and a decorative appearance.

Semi Matt

MATT
40

40-45

1st Component: PL530.40
2nd Component: PLH.530

Special Matt

MATT
25

25-30

1st Component: PL530.25
2nd Component: PLH.530

Matt

MATT
10

10-15

1st Component: PL530.10
2nd Component: PLH.530

Matt

MATT
05

5-10

1st Component: PL530.05
2nd Component: PLH.530

Technical Specifications

Density	1.35±0.05 g/cm ³
Package Viscosity	20±3" - 30±3"(*) (20°C, DIN6)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	72±2 %
Pot Life	8 hours
Gloss Level (gloss)	10-15 25-30 40-45

Application Suggestions

Applied on Nippon Polyurethane Primer applied and sanded surfaces. The mixture prepared for application is recommended to be used after mixing thoroughly and having waited for 10-15 minutes.

Application Method	Air spray or air mix gun
Application Viscosity	13-15 sec. (20°C, DIN4)
Application Conditions	15°C-30°C, 40%-70% RH
Application Quantity	250-300 gr/m ²

Time to Dry (22°C)

Dry to Touch	8-10 min.
Dry to Stack	24 hours

Consumption

6-8m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Matt Paint Smooth White 2+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Smooth Matt Paint	100 UNITS	100 UNITS
Nippon Polyurethane Smooth Matt Paint Hardener	50 UNITS	70 UNITS
Nippon Polyurethane Thinner	10-15 UNITS	14-21 UNITS



**MATT
60**

1st Component: PL.523.60
2nd Component: PLH.523

**MATT
40**

1st Component: PL.523.40
2nd Component: PLH.523



Nippon Polyurethane Panel Door Paint

Product Definition

Polyurethane based two-component top coat paint with fast drying, high covering, good spreading in vertical and horizontal applications characteristics. Forms a tough, scratch-proof and flexible film layer on surface it is applied.

Places of Use

Applied to ensure protection and a decorative look on the panel doors used indoors.

Technical Specifications

Density	1.60± 0.03 g/cm ³
Package Viscosity	105-115 KU (25°C)
Application Viscosity	14-16" (20°C, DIN CUP 4)
Solid Matter Amount (by weight)	80±1 %
Pot Life	4-6 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix gun
Application Viscosity	(DIN CUP 4 / 20°C) 14-16s.
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	200 - 250 gr/m ²

Time to Dry (22°C)

Dry to Touch	20 min.
Dry to Stack	24 hours

Consumption

7-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Panel Door Paint. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Panel Door Paint	100 PORTIONS	100 PORTIONS
Nippon Polyurethane Paint Hardener	25 PORTIONS	17 PORTIONS
Nippon Polyurethane Thinner	20-25 PORTIONS	23 PORTIONS



**MATT
40**

Semi Matt

40-45

1st Component: PL.625.40
2nd Component: PLH.625

**MATT
25**

Special Matt

25-30

1st Component: PL.625.25
2nd Component: PLH.625

**MATT
10**

Matt

10-15

1st Component: PL.625.10
2nd Component: PLH.625

Nippon Polyurethane Matt Paint Fast White 4+1

Product Definition

Two-component, polyurethane resin based, fast drying top-coat matte paint that creates a hard and flexible film layer which is resistant to scratches on the application surface.

Places of Use

Top-coat paint applied on interior MDF and wooden surfaces primed with Nippon Polyurethane or Polyester Primer to provide protection and a decorative appearance.

Technical Specifications

Density	1.27±0.03 g/cm ³
Package Viscosity	15-25" (20°C, DIN6)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	60±1 %
Pot Life	6-8 hours
Gloss Level (gloss)	Matte-10; 10-15 Matte-25; 25-30 Matte-40; 40-45

Application Suggestions

Applied on Nippon Polyurethane or Polyester Primer applied and sanded surfaces. The mixture prepared for application is recommended to be used after mixing thoroughly and having waited for 10-15 minutes.

Application Method	Air spray or air mix gun
Application Viscosity	(DIN CUP 4 / 20°C) 13-15 sec.
Application Conditions	15°C-30°C, 40%-70% RH
Application Quantity	200-250 gr/m ²

Time to Dry (22°C)

Dry to Touch	20 min.
Dry to Stack	24 hours

Consumption

7-8m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Matt Paint Fast White 4+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane 4+1 Matt Fast Paint	100 UNITS	100 UNITS
Nippon Polyurethane 4+1 Fast Paint Hardener	25 UNITS	25 UNITS
Nippon Polyurethane Thinner	30-35 UNITS	35-40 UNITS



1st Component: PL.760.00
2nd Component: PLH.760



Nippon Polyurethane Deep Black Gloss Paint 1+1

Product Definition

Two-component, polyurethane resin based topcoat paint with high gloss and deep black appearance, offering high surface clarity and excellent Filler. Apart from manual application, can also be used in machine lines with suitable thinner products. Allows for polishing application after 24 hours. Due to its polyurethane structure, the paint can form a flexible film later and a high coverage film.

Places of Use

Nippon Polyester Primer is a topcoat paint applied on MDF and wooden surfaces to provide protection and a decorative appearance.

Technical Specifications

Density	1.03±0.05 g/cm ³
Package Viscosity	70±5" (20°C, DIN4)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	54,5±1 %
Pot Life	8 hours
Gloss Level (Gloss)	90

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Viscosity	13-15 sec. (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	200-250 gr/m ²

Time to Dry (22°C)

Dry to Touch	25-30 min.
Time to Wax Polish	24 hours
Dry to Stack	48 hours

Consumption

8-10 m² area can be coated in 2-3 layers depending on surface application conditions with 1 kg of Nippon Polyurethane Deep Black Gloss Paint 1+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Deep Black Gloss Paint	100 UNITS	100 UNITS
Nippon Polyurethane Deep Black Hardener	100 UNITS	105 UNITS
Nippon Polyurethane Thinner	30-35 UNITS	30-35 UNITS



Special Matt

10-15

1st Component: PL750.10
2nd Component: PLH.750



Matt

05-10

1st Component: PL750.05
2nd Component: PLH.750

Nippon Polyurethane Matt Paint Deep Black

Product Definition

Two-component, polyurethane resin based, enhanced top-coat paint that has surface touching characteristic and deep black color. In addition to its perfect spreading characteristic its fast drying characteristic provides the ability to do much in a small period of time. Paint that might form flexible and highly covering film layer due to its polyurethane structure.

Places of Use

Top-coat paint applied on interior MDF and wooden surfaces primed with Nippon Polyurethane or Polyester Primer to provide protection and a decorative appearance.

Technical Specifications

Density	1.02±0.05 g/cm ³
Package Viscosity	85±5" (20°C, DIN4)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	50,5±1 %
Pot Life	8 hours
Gloss Level (gloss)	10-15

Application Suggestions

Applied on Nippon Polyurethane or Polyester Primer applied and sanded surfaces. The mixture prepared for application is recommended to be mixed well and used after waiting for 10-15 minutes. Wait 10-15 minutes between coats

Application Method	Air spray or air mix air gun
Application Viscosity	13-15 sec. (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	200-250 gr/m ²

Time to Dry (22°C)

Dry to Touch	5-7 min.
Dry to Stack	24 hours

Consumption

5-7m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Matt Paint Deep Black. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Matt Paint Deep Black	100 UNITS	100 UNITS
Nippon Polyurethane Paint Hardener	50 UNITS	62.5 UNITS
Nippon Polyurethane Thinner	20-25 UNITS	25-30 UNITS



1st Component: PL.627.10
2nd Component: PLH.627



Nippon Polyurethane Matt Paint Black

Product Definition

A two-component, topcoat black matt paint that is resistant to glare on applied surfaces, forms a hard and flexible film layer and also provides good spreading.

Places of Use

Topcoat paint applied on interior Nippon Polyurethane or Polyester Primer applied MDF or wooden surfaces to provide protection and achieve a decorative appearance.

Technical Specifications

Density	1.30±0.03 g/cm ³
Package Viscosity	40-50" (20°C, DIN6)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	69±1 %
Pot Life	4-6 hours
Gloss Level (gloss)	Matt-10; 10-15

Application

Applied on Nippon Polyurethane or Polyester Primer applied and sanded surfaces. The mixture prepared for application is recommended to be mixed well and used after waiting for 10-15 minutes. Wait 10-15 minutes between coats

Application Method	Air spray or air mix air gun
Application Viscosity (DIN CUP 4 / 20°C)	13-15 sec.
Application Conditions	15°C - 30°C, %40-%70 RH
Application Quantity	200-250 gr/m ²

Time to Dry (22°C)

Dry to Touch	20 min.
Dry to Stack	24 hours

Consumption

7-8m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyurethane Matt Paint Black. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Polyurethane Matt Black Paint	100 UNITS	100 UNITS
Nippon Polyurethane Matt Black Paint Hardener	25 UNITS	25 UNITS
Nippon Polyurethane Thinner	30-35 UNITS	30-35 UNITS





**NIPPON
PAINT**

**WOOD
COATINGS**

**ACRYLIC FILLER
VARNISHES**



1st Component: AF.4650
2nd Component: AFH.4650



Nippon Acrylic Filler Varnish 2+1

Product Definition

Two-component filler varnish with a clear structure which can be sanded easily alongside its very good Filler and spreading characteristics. Adheres perfectly to all wooden surfaces such as solid coatings.

Places of Use

Used to fill pores in all kinds of solid wood and coating surfaces used indoors and to prepare a smooth surface for top coat varnishes

Technical Specifications

Density	1.00± 0.03 g/cm ³
Package Viscosity	110± 5" (20°C , DIN4)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	47±1%
Pot Life	3 hours

Application Suggestions

Applied on wooden, solid and coating surfaces cleared from dust, dirt and oils. The mixture prepared for application is recommended to be used after mixing thoroughly and having waited for 10 - 15 minutes. You should wait 15-20 minutes between layers.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 gr/m ²

Time to Dry (22°C)

Dry to Touch	10 min.
Rough Sanding	70 min.
Time for Sanding	18 hours

Consumption

8-10 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Acrylic Filler Varnish 2+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Acrylic Filler Varnish	100 PORTIONS	100 PORTIONS
Nippon Acrylic Varnish Hardener	50 PORTIONS	50 PORTIONS
Nippon Acrylic Thinner	35-40 PORTIONS	35-40 PORTIONS



1st Component: AF.0550
2nd Component: AFUH.0550



Nippon Acrylic Filler Varnish 10+1

Product Definition

Acrylic resin based two-component transparent filler varnish. Forms a tough and elastic film layer on the applied surface with its acrylic structure. Does not turn pale.

Places of Use

Filler varnish applied on solid, wooden and coated surfaces indoors to ensure protection.

Technical Specifications

Density	0.94± 0.03 g/cm ³
Package Viscosity	47± 5 (20°C, DIN4)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	28±1 %
Pot Life	> 8 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Viscosity	14-16 s. (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 gr/m ²

Time to Dry (22°C)

Dry to Touch	5 min.
Rough Sanding	60 min.
Time for Sanding	18 hours

Consumption

7-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Acrylic Filler Varnish 10+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Acrylic Filler Varnish	100 PORTIONS	100 PORTIONS
Nippon Acrylic Filler varnish Hardener	10 PORTIONS	10 PORTIONS
Nippon Acrylic Thinner	90 PORTIONS	90 PORTIONS



1st Component: AF.0470
2nd Component: AFUH.0470



Nippon Acrylic Filler Varnish 5+1

Product Definition

Acrylic resin based two-component transparent filler varnish. Forms a tough and elastic film layer on the applied surface with its acrylic structure. Does not turn pale.

Places of Use

Filler varnish applied on solid, wooden and coated surfaces indoors to ensure protection.

Technical Specifications

Density	0.95± 0.03 g/cm ³
Package Viscosity	50± 5 (20°C, DIN4)
Application Viscosity	15-16" (20°C, DIN4)
Solid Matter Amount (by weight)	28±1 %
Pot Life	6 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Viscosity	15-16 s. (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 gr/m ²

Time to Dry (22°C)

Dry to Touch	20 min.
Rough Sanding	60 min.
Time for Sanding	18 hours

Consumption

7-8 m² area can be coated 1 layer depending on surface application conditions with 1 kg of Nippon Acrylic Filler Varnish 5+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Acrylic Filler varnish	100 PORTIONS	100 PORTIONS
Nippon Acrylic Filler varnish Hardener	20 PORTIONS	20 PORTIONS
Nippon Acrylic Thinner	90 PORTIONS	90 PORTIONS







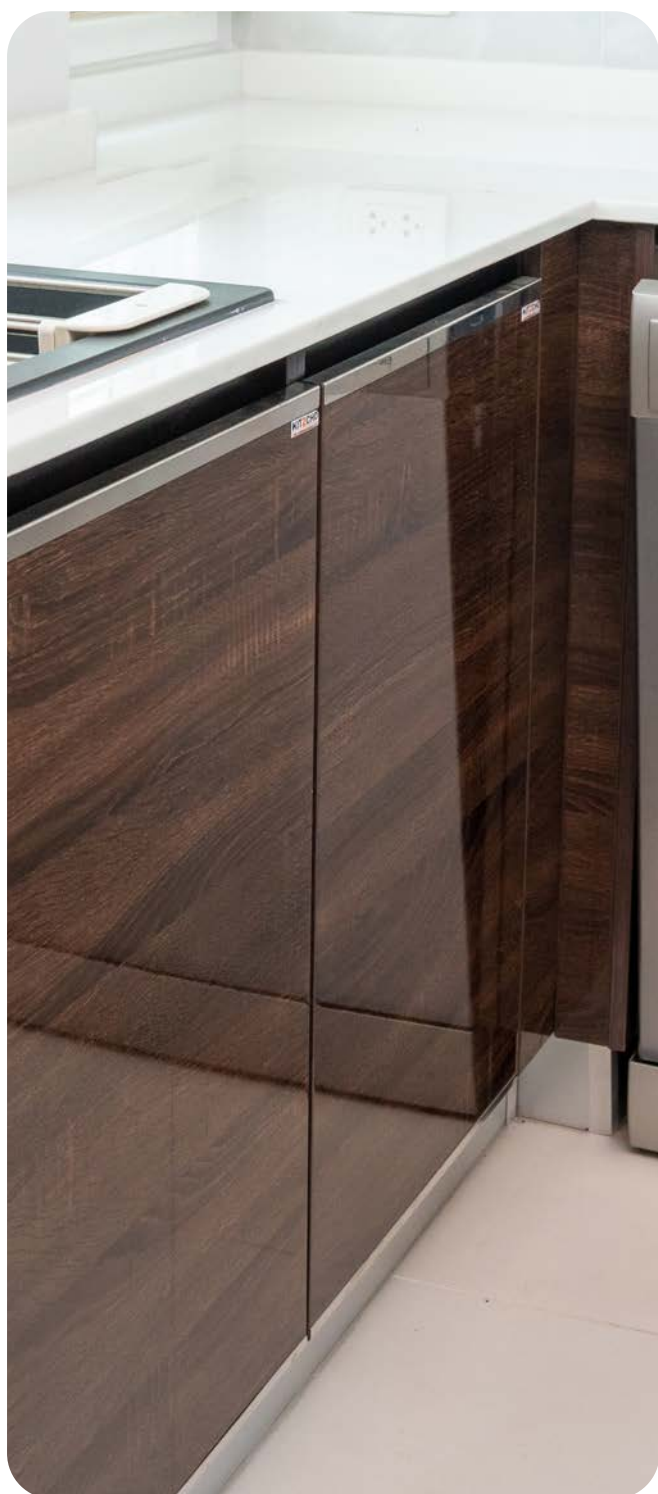
**NIPPON
PAINT**

**WOOD
COATINGS**

**ACRYLIC TOP-COAT
VARNISHES**



1st Component: AV.675.00
2nd Component: AVH.675



Nippon Acrylic Gloss Varnish 2+1

Product Definition

Acrylic resin based two-component top coat varnish. Bring a Gloss look to the applied surface. Forms a tough and elastic film layer on the applied surface with its acrylic structure. Does not turn pale.

Places of Use

Top coat varnish applied on solid, wooden and coated surfaces indoors on which Nippon Acrylic Filler was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	1.00± 0.03 g/cm ³
Package Viscosity	90± 5" (20°C, DIN6)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	56±1%
Gloss Level (gloss)	95-100 gloss
Pot Life	4 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Viscosity	13-15 s." (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 gr/m ²

Time to Dry (22°C)

Dry to Touch	40 min.
Time to Wax Polish	72 hours
Dry to Stack	96 hours

Consumption

7-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Acrylic Gloss Varnish 2+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Acrylic Gloss Varnish	100 PORTIONS	100 PORTIONS
Nippon Acrylic Varnish Hardener	50 PORTIONS	50 PORTIONS
Nippon Acrylic Thinner	60-70 PORTIONS	60-70 PORTIONS



1st Component: AV.300.00
2nd Component: AVH.300



Nippon Acrylic Varnish Gloss

Product Definition

Acrylic resin based two-component top coat Gloss varnish. Bring a Gloss look to the applied surface. Forms a tough and elastic film layer on the applied surface with its acrylic structure. Does not turn pale.

Places of Use

Top coat varnish applied on solid, wooden and coated surfaces indoors on which Nippon Acrylic Filler varnish was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	0.96± 0.03 g/cm ³
Package Viscosity	31± 5" (20°C, DIN4)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	40±1 %
Gloss Level (gloss)	95-100 gloss
Pot Life	6 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Viscosity	13-15 s. (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 gr/m ²

Time to Dry (22°C)

Dry to Touch	30 min.
Time to Wax Polish	48 hours
Dry to Stack	72 hours

Consumption

7-8 m² area can be coated 1 layer depending on surface application conditions with 1 kg of Nippon Acrylic Varnish Gloss. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Acrylic Filler Varnish	100 PORTIONS	100 PORTIONS
Nippon Acrylic Filler Varnish Hardener	50 PORTIONS	40 PORTIONS
Nippon Acrylic Thinner	15 PORTIONS	25 PORTIONS

ACRYLIC TOP-COAT VARNISHES





Nippon Acrylic Matt Varnish 10+1

Product Definition

Acrylic resin based two-component transparent top coat varnish. Bring a matt look to the applied surface. Forms a tough and elastic film layer on the applied surface with its acrylic structure. Does not turn pale.

Places of Use

Top coat varnish applied on solid, wooden and coated surfaces indoors on which Nippon Acrylic Filler was applied to ensure protection and to obtain a decorative look.

**MATT
40**

Semi Matt

40-45

1st Component: AV.550.40
2nd Component: AVUH.550

**MATT
25**

Special Matt

25-30

1st Component: AV.550.25
2nd Component: AVUH.550

**MATT
10**

Matt

10-15

1st Component: AV.550.10
2nd Component: AVUH.550

**MATT
05**

Matt

05-10

1st Component: AV.550.05
2nd Component: AVUH.550

Technical Specifications

Density	0.96± 0.03 g/cm ³
Package Viscosity	95± 4 (20°C, DIN4)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	46±1 %
Pot Life	> 6 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Viscosity	13-15 s. (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	200-250 gr/m ²

Time to Dry (22°C)

Dry to Touch	20 min.
Dry to Stack	24 hours

Consumption

7-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Acrylic Matt Varnish 10+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Acrylic Matt Varnish	100 PORTIONS	100 PORTIONS
Nippon Acrylic Varnish Hardener	10 PORTIONS	12 PORTIONS
Nippon Acrylic Thinner	70 PORTIONS	80 PORTIONS



MATT
40

Semi Matt

40-45

1st Component: AV.570.40
2nd Component: AVUH.570

MATT
25

Special Matt

25-30

1st Component: AV.570.25
2nd Component: AVUH.570

MATT
10

Matt

10-15

1st Component: AV.570.10
2nd Component: AVUH.570

Nippon Acrylic Matt Varnish 8+1

Product Definition

Two-component, acrylic resin-based and fast-drying finishing coat varnish. Acrylic-based varnish, which has a wide area of use, allows application on polyurethane, acrylic filler and polyester products. However, it provides an excellent finish as a top coat varnish on wood colorants. Provides a matte finish to the application surface. Creates a hard elastic film on the application surface thanks to its acrylic formula. Non-fading.

Places of Use

Top-coat varnish applied on interior solid wood, wood and coated surfaces primed with Nippon Acrylic Filler Varnish to provide protection and a decorative appearance.

Technical Specifications

Density	0.95±0.05 g/cm ³
Package Viscosity	70±5" (20°C, DIN4)
Application Viscosity	14-15" (20°C, DIN4)
Solid Matter Amount (by weight)	27±1%
Pot Life	6 hours
Gloss Level (gloss)	Matt - 10; 10-15 Matt- 25; 25-30 Matt - 40; 40-45

Application Suggestions

Applied on Nippon Acrylic Filler applied and sanded surfaces. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Waiting time should be 15 to 20 minutes after each coat.

Application Method	Air spray or air mix gun
Application Viscosity	14-15 sec. (20°C, DIN4)
Application Conditions	15°C-30°C, 40%-70% RH
Application Quantity	250-300 gr/m ²

Time to Dry (22°C)

Dry to Touch	30 min.
Dry to Stack	24 hours

Consumption

5-6 m² area can be coated in 1 layer depending on surface application conditions with 1kg of Nippon Acrylic Matt Varnish 8+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Acrylic Matt Varnish	100 UNITS	100 UNITS
Nippon Acrylic Varnish Hardener	12.5 UNITS	13 UNITS
Nippon Acrylic Thinner	80 UNITS	80 UNITS



**MATT
40**

Semi Matt

40-45

1st Component: AV.470.40
2nd Component: AVUH.470

**MATT
25**

Special Matt

25-30

1st Component: AV.470.25
2nd Component: AVUH.470

**MATT
10**

Matt

10-15

1st Component: AV.470.10
2nd Component: AVUH.470

Nippon Acrylic Matt Varnish 5+1

Product Definition

Acrylic resin based two-component transparent top coat varnish. Bring a matt look to the applied surface. Forms a tough and elastic film layer on the applied surface with its acrylic structure. Does not turn pale.

Places of Use

Top coat varnish applied on solid, wooden and coated surfaces indoors on which Nippon Acrylic Filler was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	0.95± 0.03 g/cm ³
Package Viscosity	70± 5 (20°C, DIN4)
Application Viscosity	14-15" (20°C, DIN4)
Solid Matter Amount (by weight)	30±1 %
Pot Life	6 hours

Application Suggestions

Applied on Nippon Acrylic Filler applied and sanded surfaces. The mixture prepared for application is recommended to be used after mixing thoroughly and having waited for 10-15 minutes. You should wait 15-20 minutes between layers.

Application Method	Air spray or air mix air gun
Application Viscosity	13-15 s. (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	200-250 gr/m ²

Time to Dry (22°C)

Dry to Touch	20 min.
Dry to Stack	24 hours

Consumption

7-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Acrylic Matt Varnish 5+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Acrylic Matt Varnish	100 PORTIONS	100 PORTIONS
Nippon Acrylic Varnish Hardener	20 PORTIONS	24 PORTIONS
Nippon Acrylic Thinner	80 PORTIONS	80 PORTIONS





**NIPPON
PAINT**

**WOOD
COATINGS**

ACRYLIC PRIMERS



1st Component: AP.2690
2nd Component: APH.2690



Nippon Acrylic Primer White 2+1

Product Definition

Acrylic based primer with high hiding and Filler strength, tough and flexible structure which can be sanded easily.

Places of Use

Used to prime MDF and wooden surfaces used indoors and to prepare a surface for top coat paints.

Technical Specifications

Density	1.47-0.03 g/cm ³
Package Viscosity	110± 5" (20°C DIN4)
Application Viscosity	15-17" (20°C, DIN4)
Solid Matter Amount (by weight)	74±1%
Pot Life	4 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 g/m ²

Time to Dry (22°C)

Dry to Touch	15 min.
Rough Sanding	70 min.
Time for Sanding	18 hours

Consumption

8-10 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Acrylic Primer White 2+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Acrylic Primer	100 PORTIONS	100 PORTIONS
Nippon Acrylic Primer Hardener	50 PORTIONS	135 PORTIONS
Nippon Acrylic Thinner	10 PORTIONS	40-45 PORTIONS







**NIPPON
PAINT**

**WOOD
COATINGS**

ACRYLIC TOP-COAT PAINTS



1st Component: AL.220.00
2nd Component: ALH.220



Nippon Acrylic Gloss Paint White 2+1

Product Definition

Acrylic resin based two-component top coat gloss paint. Bring a Gloss look to the applied surface. Forms a tough and elastic film layer on the applied surface with its acrylic structure. Does not turn pale.

Places of Use

Top coat varnish applied on MDF and wooden surfaces indoors on which Nippon Acrylic Primer was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	1.25± 0.03 g/cm ³
Package Viscosity	20± 3" (20°C DIN6)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	64±1%
Gloss Level (gloss)	95-100 gloss
Pot Life	6 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 g/m ²

Time to Dry (22°C)

Dry to Touch	35 min.
Time to Wax Polish	72 hours
Dry to Stack	96 hours

Consumption

8-10 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Acrylic Gloss Paint White 2+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Acrylic Gloss Paint	100 PORTIONS	100 PORTIONS
Nippon Acrylic Paint Hardener	50 PORTIONS	60 PORTIONS
Nippon Acrylic Thinner	40-45 PORTIONS	40-45 PORTIONS



1st Component: AL.250.00
2nd Component: ALH.250



Nippon Acrylic Gloss Paint White

Product Definition

Acrylic resin based two-component top coat gloss paint. Bring a gloss look to the applied surface. Forms a tough and elastic film layer on the applied surface with its acrylic structure. Does not turn pale.

Places of Use

Top coat varnish applied on MDF and wooden surfaces indoors on which Nippon Acrylic Primer was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	1.22± 0.03 g/cm ³
Package Viscosity	36± 5 s. (20°C, DIN6)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	64±1 %
Gloss Level (gloss)	95-100 gloss
Pot Life	4 hours

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Viscosity	13-15 s. (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 gr/m ²

Time to Dry (22°C)

Dry to Touch	25 min.
Time to Wax Polish	48 hours
Dry to Stack	72 hours

Consumption

7-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Acrylic Gloss Paint White. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Acrylic Gloss Paint	100 PORTIONS	100 PORTIONS
Nippon Acrylic Paint Hardener	50 PORTIONS	60 PORTIONS
Nippon Acrylic Thinner	30 PORTIONS	30 PORTIONS





Nippon Acrylic Matt Paint 10+1

Product Definition

Acrylic resin based two-component top coat matt paint. Bring a matt look to the applied surface. Forms a tough and elastic film layer on the applied surface with its acrylic structure. Does not turn pale.

Places of Use

Top coat matt paint applied on MDF and wooden surfaces indoors on which Nippon Acrylic Primer was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	1.14± 0.03 g/cm ³
Package Viscosity	110± 5 (20°C, DIN4)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	46±1 %
Pot Life	> 6 hours

Application Suggestions

Applied on Nippon Acrylic Primer applied and sanded surfaces. The Mixture prepared for application is recommended to be used after mixing thoroughly and having waited for 10-15 minutes. You should wait 15-20 minutes between layers.

Application Method	Air spray or air mix air gun
Application Viscosity	13-15 s. (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	200-250 gr/m ²

Time to Dry (22°C)

Dry to Touch	25 min.
Dry to Stack	24 hours

Consumption

7-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Acrylic Matt Paint 10+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Acrylic Matt Varnish	100 PORTIONS	100 PORTIONS
Nippon Acrylic Varnish Hardener	10 PORTIONS	12 PORTIONS
Nippon Acrylic Thinner	55 PORTIONS	60 PORTIONS

Semi Matt

40-45

1st Component: AL.444.40
2nd Component: ALUH.440

MATT
40

Matt

10-15

1st Component: AL.444.10
2nd Component: ALUH.440

MATT
10



Nippon Acrylic Matt Paint 5+1

Product Definition

Two-component, acrylic resin-based finishing coat matt paint. Provides a matte finish to the application surface. Creates a hard elastic film on the application surface thanks to its acrylic formula. Non-fading.

Places of Use

Top-coat paint applied on interior MDF, wood and coated surfaces primed with Nippon Acrylic Primer to provide protection and a decorative appearance.

**MATT
40**

Semi Matt

40-45

1st Component: AL.485.40
2nd Component: ALUH.485

**MATT
10**

Matt

10-15

1st Component: AL.485.10
2nd Component: ALUH.485

Technical Specifications

Density	1.14±0.03 g/cm ³
Package Viscosity	115±5 (20°C, DIN4)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	44±1 %
Pot Life	>6 hours
Gloss Levels (gloss)	Matt-10; 10-15 Matt-40; 40-45

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix gun
Application Viscosity	13-15 sec. (20°C, DIN4)
Application Conditions	15°C-30°C, 40%-70% RH
Application Quantity	200-250 gr/m ²

Time to Dry (22°C)

Dry to Touch	30 min.
Dry to Stack	24 hours

Consumption

7-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Acrylic Matt Paint 5+1. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight	By Volume
Nippon Acrylic Matt Paint	100 UNITS	100 UNITS
Nippon Acrylic Varnish Hardener	20 UNITS	18 UNITS
Nippon Acrylic Thinner	55 UNITS	50 UNITS



AL.111

Nippon 1K Acrylic Paint (Marble Effect)

Product Definition

Acrylic resin based one-component top coat decorative paint. Forms a tough and elastic film layer on the applied surface with its acrylic structure.

Places of Use

Top coat paint applied on MDF and wooden surfaces indoors on which Nippon Acrylic Primer was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	0.92±0.03 g/cm ³
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Consumption

7-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon 1K Acrylic Paint (Marble Effect). Controlled sampling should be made for exact consumption.

Application Method	Air spray or air mix air gun
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Application Conditions	15°C - 30°C, 40%-70% RH
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Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.









**NIPPON
PAINT**

**WOOD
COATINGS**

**CELLULOSIC FILLER
VARNISHES**



NF.2330



Nippon Cellulosic Filler Varnish

Product Definition

Quick drying and easy sanded filler varnish with high Filler strength which prepares a smooth surface for the top coat varnish to be applied upon.

Places of Use

Used to fill pores in all kinds of solid wood and coating surfaces used indoors and to prepare a smooth surface for top coat varnishes.

Technical Specifications

Density	0.95± 0.03 g/cm ³
Package Viscosity	60-70" (20°C, DIN6)
Application Viscosity	15-17" (20°C, DIN4)
Solid Matter Amount (by weight)	36±1 %

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300 - 350 gr/m ²

Time to Dry (22°C)

Dry to Touch	5 min.
Rough Sanding	20 min.
Time for Sanding	6 hours

Consumption

8-10 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Cellulosic Filler Varnish. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight
Nippon Cellulosic Filler Varnish	100 PORTIONS
Nippon Cellulosic Thinner	100 PORTIONS



NF3680



Nippon Cellulosic Filler Varnish

Product Definition

Quick drying and easy sanded filler varnish with high Filler strength which prepares a smooth surface for the top coat varnish to be applied upon.

Places of Use

Used to fill pores in all kinds of solid wood and coating surfaces used indoors and to prepare a smooth surface for top coat varnishes.

Technical Specifications

Density	0.95± 0.03 g/cm ³
Package Viscosity	40-50" (D6) (25°C)
Application Viscosity	15-17" (20°C, DIN4)
Solid Matter Amount (by weight)	76±1 %

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300 - 350 gr/m ²

Time to Dry (22°C)

Dry to Touch	5 min.
Rough Sanding	20 min.
Time for Sanding	6 hours

Consumption

8 -10 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Cellulosic Filler Varnish. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight
Nippon Cellulosic Filler Varnish	100 PORTIONS
Nippon Cellulosic Thinner	70 PORTIONS





**NIPPON
PAINT**

**WOOD
COATINGS**

**CELLULOSIC
TOP-COAT VARNISHES**



NF.180.00



Nippon Cellulosic Gloss Varnish

Product Definition

Cellulosic based single-component top coat varnish with high saturation and quick drying and good spreading characteristic.

Places of Use

Applied on wooden surfaces indoors on which Nippon Cellulosic Filler varnish was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	0.96± 0.03 g/cm ³
Package Viscosity	45± 5" (20°C, DIN4)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	32±1%

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Viscosity	14-16 s. 14-16" (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	180-200 gr/m ²

Time to Dry (22°C)

Dry to Touch	10 min.
Dry to Stack	24 hours

Consumption

7-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Cellulosic Gloss Varnish. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight
Nippon Cellulosic Gloss Varnish	100 PORTIONS
Nippon Cellulosic Thinner	100 PORTIONS



Nippon Cellulosic Matt Varnish

Product Definition

Single component, cellulosic based topcoat matte varnish with fast drying and good spreading properties.

Places of Use

Single component, cellulosic based topcoat matte varnish with fast drying and good spreading properties.

**MATT
40**

Semi Matt

40-45

NF.180.40

**MATT
10**

Matt

10-15

NF.180.10

Technical Specifications

Density	0.94+0.03 g/cm ³
Packing Viscosity	70+5" (20°C, DIN4)
Application Viscosity	15-17" (20°C, DIN4)
Solid Matter Amount (by weight)	47±1 %
Gloss Level (gloss)	Matt-10; 10-15 Matt-40; 40-45

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Viscosity	15-17 sec. 15-17" (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	180-200 gr/m ²

Time to Dry (22°C)

Dry to Touch	10 min.
Dry to Stuck	24 hours

Consumption

10-12 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Cellulosic Matt Varnish. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight
Nippon Cellulosic Matt Varnish	100 PORTIONS
Nippon Cellulosic Thinner	70 PORTIONS



NV.155.00

Nippon Cellulosic Gloss Varnish Pearl

Product Definition

Cellulosic based single-component top coat gloss pearl varnish with quick drying and good spreading characteristic.

Places of Use

Applied on MDF and wooden surfaces indoors on which Nippon Filler Varnish Primer was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	1.00± 0.03 g/cm ³
Package Viscosity	50-60" (25°C DIN6)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	38±1 %

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	180-220 gr/m ²

Time to Dry (22°C)

Dry to Touch	20 min.
Dry to Stack	24 hours

Consumption

8-10 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Cellulosic Gloss Varnish Pearl. Controlled sampling should be made for exact consumption.

Storage

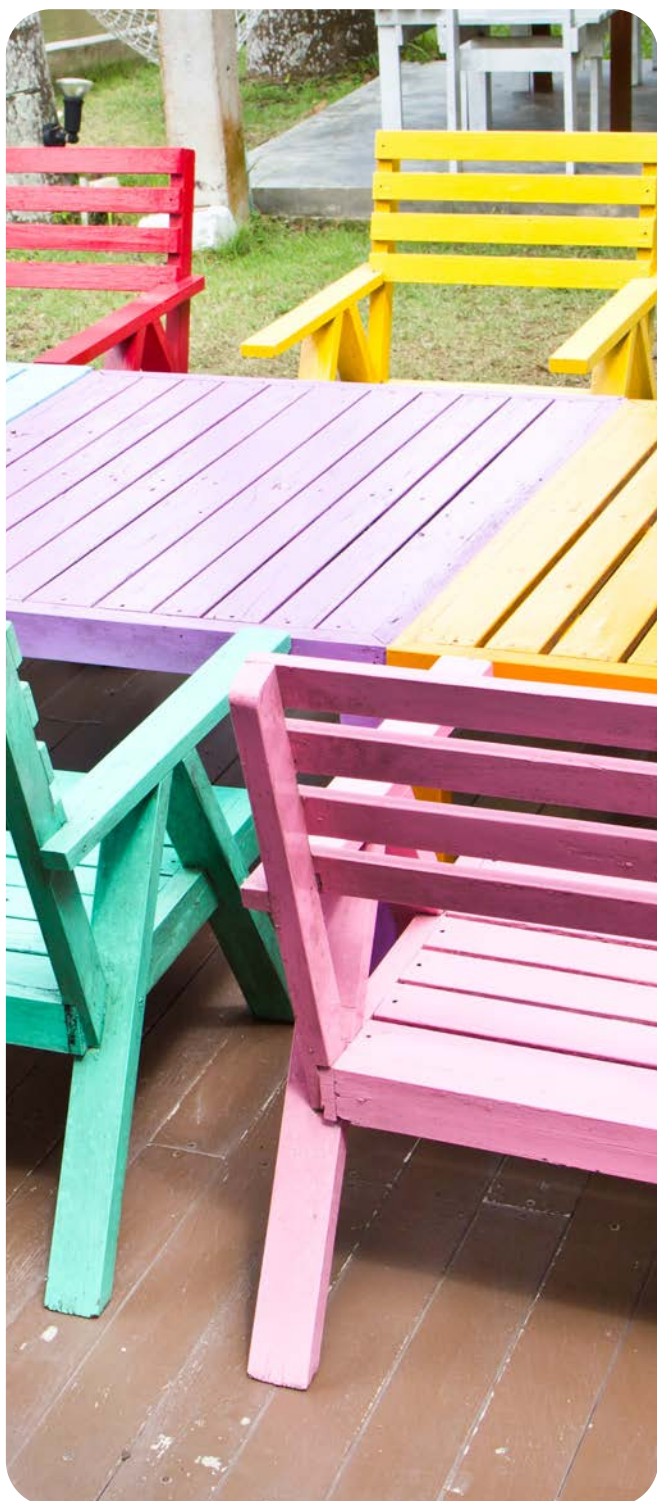
1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight
Nippon Cellulosic Gloss Varnish Pearl	100 PORTIONS
Nippon Cellulosic Thinner	100 PORTIONS





NV.181-NV.188



Nippon Cellulosic Colorful Varnish

Product Definition

Cellulosic based single-component top coat color varnish with quick drying and good spreading characteristic.

Places of Use

Applied on wooden surfaces indoors on which Nippon Cellulosic Filler Varnish was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	0.95± 0.03 g/cm ³
Package Viscosity	25-30" (25°C DIN6)
Application Viscosity	15-17" (20°C, DIN4)
Solid Matter Amount (by weight)	25±1 %

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	180 - 220 gr/m ²

Time to Dry (22°C)

Dry to Touch	20 min
Dry to Stack	24 hours

Consumption

8 -10 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Cellulosic Colorful Varnish. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight
Nippon Cellulosic Color Varnish	100 PORTIONS
Nippon Cellulosic Thinner	100 PORTIONS





**NIPPON
PAINT**

**WOOD
COATINGS**

CELLULOSIC PRIMERS



Nippon Cellulosic Primer

Product Definition

Single-component primer with high Filler strength and covering which is easy to sand.

Places of Use

Used to prime MDF and wooden surfaces used indoors and to prepare a surface for top coat paints.

Technical Specifications

Density	1.38± 0.03 g/cm ³
Package Viscosity	127± 5 KU (25°C)
Application Viscosity	15-17" (20°C, DIN4)
Solid Matter Amount (by weight)	66±1 %

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 g/m ²

Time to Dry (22°C)

Dry to Touch	8 min.
Rough Sanding	10 min.
Time for Sanding	6 hours

Consumption

8-10 m² area can be coated in 1 layer depending on surface application method with 1 kg of Nippon Cellulosic Primer. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight
Nippon Cellulosic Primer	100 PORTIONS
Nippon Cellulosic Thinner	100 PORTIONS





White, Brown
NP.3770



Nippon Cellulosic HP Primer

Product Definition

Single-component primer with fast drying characteristic, high Filler strength and covering which is easy to sand.

Places of Use

Used to prime MDF and wooden surfaces used indoors and to prepare a surface for top coat paints.

Technical Specifications

Density	1.55± 0.03 g/cm ³
Package Viscosity	125-130 (KU) (25°C)
Application Viscosity	15-17" (20°C, DIN4)
Solid Matter Amount (by weight)	75±1 %

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 g/m ²

Time to Dry (22°C)

Dry to Touch	5 min.
Rough Sanding	10 min.
Time for Sanding	6 hours

Consumption

8-10 m² area can be coated in 1 layer depending on surface application method with 1 kg of Nippon Cellulosic HP Primer. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight
Nippon Cellulosic Primer	100 PORTIONS
Nippon Cellulosic Thinner	70 PORTIONS





**NIPPON
PAINT**

**WOOD
COATINGS**

**CELLULOSIC TOP-COAT
PAINTS**



NL.260.00



Gold and silver colors are also available.

1st Group

White, Light Brown, Dark Brown, Aluminum, Walnut, Cherry, Cream 1013, Pear, Black

2nd Group

Turquoise Blue, Parliament Blue, Flag Red, Grass Green, Oxide Yellow

3rd Group

Orange, Claret Red, Chrome Yellow
FILASEL SB 000.09

*Values are for white color, may vary depending on the color.

Nippon Cellulosic Gloss Paint HP White

Product Definition

Cellulosic based single-component top coat paint with high covering, quick drying and good spreading characteristic.

Places of Use

Applied on MDF and wooden surfaces indoors on which Nippon Cellulosic Primer was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	1.15± 0.03 g/cm ³
Package Viscosity	60-70" (20°C, DIN6)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	49±1%

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Viscosity	13-15 s. 13-15" (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	250 - 300 gr/m ²

Time to Dry (22°C)

Dry to Touch	15 min.
Dry to Stack	24 hours

Consumption

7-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Cellulosic Gloss Paint HP White. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight
Nippon Cellulosic Gloss Paint	100 PORTIONS
Nippon Cellulosic Thinner	100 PORTIONS



Matt
Black, White

MATT
40

Semi Matt

40-45

NL.260.40

MATT
25

Special Matt

25-30

NL.260.25

MATT
10

Matt

10-15

NL.260.10

Nippon Cellulosic HP Matt Paint

Product Definition

Cellulosic based single-component top coat matt paint with high covering, quick drying and good spreading characteristic.

Places of Use

Applied on MDF and wooden surfaces indoors on which Nippon Cellulosic Primer was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	1.12+0.03 g/cm ³
Package Viscosity	100± 5 KU (25°C)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	49±1%

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Viscosity	13-15 s. 13-15" (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	200 - 250 gr/m ²

Time to Dry (22°C)

Dry to Touch	10 min.
Dry to Stack	24 hours

Consumption

7-8 m² area can be coated as in 1 layer depending on surface application conditions with 1 kg of Nippon Cellulosic HP Matt Paint. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight
Nippon Cellulosic Matt Paint	100 PORTIONS
Nippon Cellulosic Thinner	100 PORTIONS



NL.277.00

Nippon Cellulosic Gloss Paint White

Product Definition

Single-component top coat paint with good spreading, high hiding and fast drying characteristics.

Places of Use

Used to ensure protection and a decorative look on Nippon Cellulosic Primer applied MDF and wooden surfaces indoors.

Technical Specifications

Density	1.55± 0.03 g/cm ³
Package Viscosity	110-130 (KU) (25°C)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	78±1 %

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	250-300 g/m ²

Time to Dry (22°C)

Dry to Touch	15 min.
Dry to Stack	24 hours

Consumption

8-10 m² area can be coated in 1 layer depending on surface application method with 1 kg of Nippon Cellulosic Gloss Paint White. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio

Mixture Ratio	By Weight
Nippon Cellulosic Gloss Paint	100 PORTIONS
Nippon Cellulosic Thinner	75 PORTIONS





Black and white
NL.330.10



Nippon Cellulosic Matt Paint

Product Definition

Single-component top coat paint with good spreading, high hiding and fast drying characteristics.

Places of Use

Used to ensure protection and a decorative look on Nippon Cellulosic Primer applied MDF and wooden surfaces indoors.

Technical Specifications

Density	1.14± 0.03 g/cm ³
Package Viscosity	135± 5 (D6) (25°C)
Application Viscosity	14-15" (20°C, DIN4)
Solid Matter Amount (by weight)	78±1 %

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Viscosity	13-15 s. 13-15" (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	200 - 250 gr/m ²

Time to Dry (22°C)

Dry to Touch	15 min.
Dry to Stack	24 hours

Consumption

7-8m² area can be coated in 1 layer depending on surface application method with 1 kg of Nippon Cellulosic Matt Paint. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight
Nippon Cellulosic Matt Paint	100 PORTIONS
Nippon Cellulosic Thinner	100 PORTIONS



NL.444



Nippon Cellulosic Crackle Paint

Product Definition

Single-component top coat decorative paint with fast drying characteristic which makes a look with an effect on the surface it is applied.

Places of Use

Applied on MDF and wooden surfaces indoors on which Nippon Cellulosic Filler Varnish-Primer was applied to ensure protection and to obtain a decorative look.

Technical Specifications

Density	1.35± 0.03 g/cm ³
Package Viscosity	100-110" (20°C DIN4)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	48±1 %

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	80-100 g/m ²

Time to Dry (22°C)

Dry to Touch	15 min.
Dry to Stack	24 hours

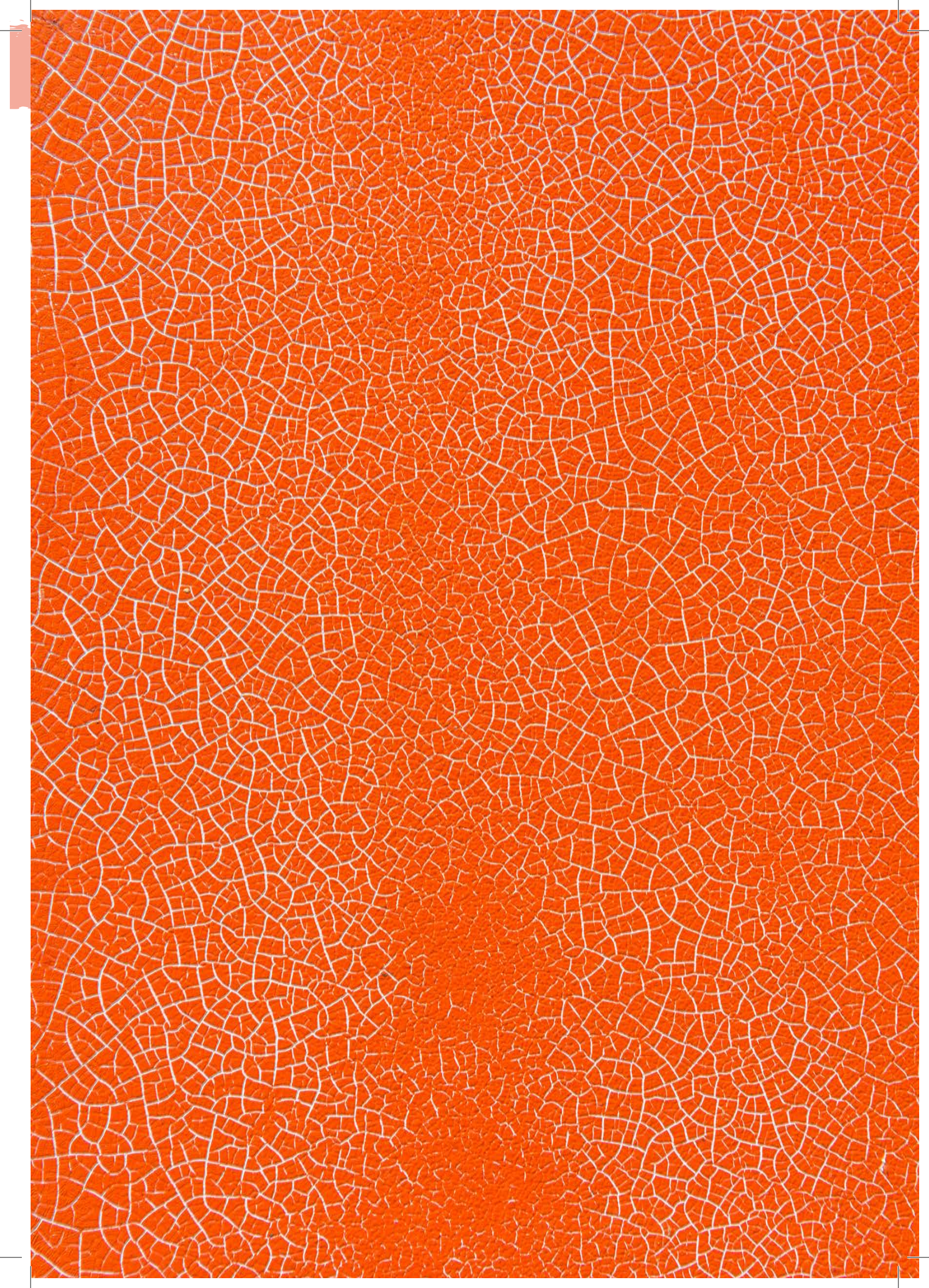
Consumption

8-10 m² area can be coated in 1 layer depending on surface application method with 1 kg of Nippon Cellulosic Crackle Paint. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Mixture Ratio	By Weight
Nippon Cellulosic Crackle Paint	100 PORTIONS
Nippon Cellulosic Thinner	75 PORTIONS







**NIPPON
PAINT**

**WOOD
COATINGS**

POLYESTERS



1st Component: EF.3010
2nd Component: EA.3010/EH.3010



Nippon Polyester Filler Varnish

Product Definition

Unsaturated polyester based, high filling power, easy to sand and forms a smooth surface for the varnishes to be applied on it.

Places of Use

Used on all types of interior solid wood and coated surfaces to fill the pores and prepare a highly weight giving smooth surface for the top coat varnish.

Technical Specifications

Density	1.05± 0.03 g/cm ³
Package Viscosity	70-75" (20°C, DIN4)
Application Viscosity	20-25" (20°C, DIN4)
Solid Matter Amount (by weight)	59±1 %
Pot Life	15 min.

Application Suggestions

Area of application should be cleared from dust, dirt and oils. Recommended to be applied for 3 layers. You should wait 25-30 minutes between layers.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	500-550 g/m ²

Time to Dry (20°C)

Time for Sanding	16 hours
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Consumption

6-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyester Filler Varnish. Controlled sampling should be made for exact consumption

Storage

It can be stored for 1 year in its unopened, original package. Store in a well-ventilated place, away from direct sunlight and between 5°C and 30°C with fire extinguishing measures in place.

Mixture Ratio	By Weight
Nippon Polyester Filler Varnish	100 PORTIONS
Nippon Polyester Accelerant	2.5 PORTIONS
Nippon Polyester Hardener	2.5 PORTIONS
Nippon Cellulosic Thinner	20-25 PORTIONS



EP.4040

Nippon Polyester Primer White

Product Definition

Unsaturated polyester based, fast drying, easily sanded primer with highly Filler and covering ability and that provides a smooth surface for top-coat paint on which it will be applied.

Places of Use

Applied to prime interior MDF and wooden surfaces, and to prepare the surface for the top coat Gloss paint.

Technical Specifications

Density	1,40-1,48 g/cm ³
Package Viscosity	100-105 KU (25°C)
Application Viscosity	15-16" (20°C, DIN4)
Solid Matter Amount (by weight)	79-82 %
Pot Life	30 dk.

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix gun
Application Conditions	15°C-30°C, 40%-70% RH
Application Quantity	350-400 g/m ²

Time to Dry (22°C)

Time for Sanding	16 hours
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Consumption

6-8 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Polyester Primer White. Controlled sampling should be made for exact consumption.

Storage

It can be stored for 1 year in its unopened, original package. Store in a well-ventilated area, kept away from direct sunlight and between 5°C and 30°C with fire extinguishing measures in place.

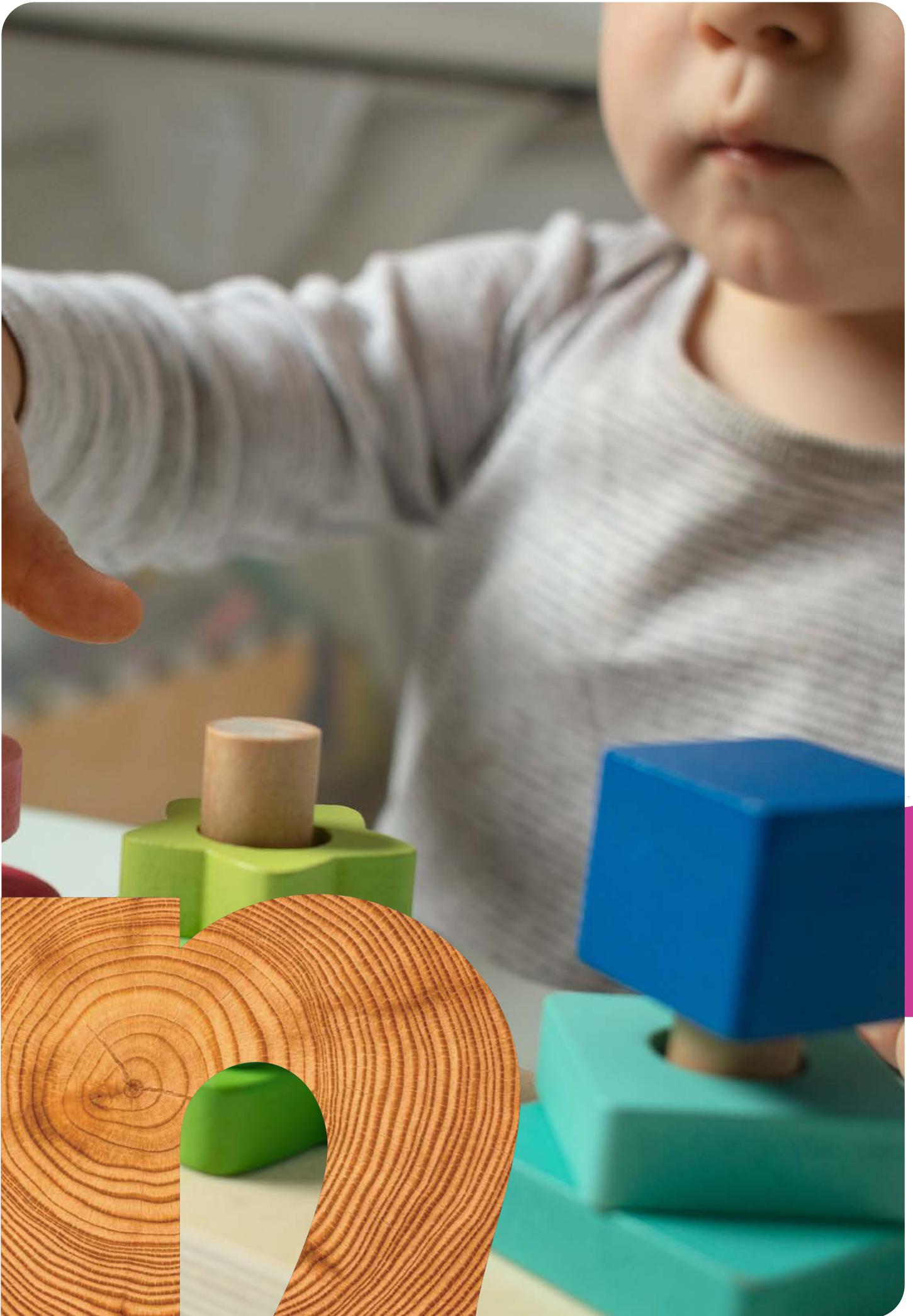
Mixture Ratio	By Weight
Nippon Polyester Primer	100 UNITS
Nippon Polyester Accelerant	2.5 UNITS
Nippon Polyester Hardener	2.5 UNITS
Nippon Cellulosic Thinner	15-20 UNITS



POLYESTERS









**NIPPON
PAINT**

**WOOD
COATINGS**

**WATER BORNE
PRODUCTS**



WF.5450



Nippon Vital Water Borne Varnish Filler

Product Definition

Water thinned, single component, air drying filler varnish.

Places of Use

A filler varnish applied on interior solid, wooden and coated surfaces to allow application of topcoat Vital Varnish and provide protection.

Technical Specifications

Density	1.04±0.03 g/cm ³
Package Viscosity	86±5 (20°C DIN4)
Application Viscosity	16-18" (20°C, DIN4)
Solid Matter Amount (by weight)	45±1%
Application Quantity	250-300 g/m ²

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Viscosity	13-15 sec. (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	250-300 gr/m ²

Time to Dry (22°C)

Dry to Touch	60 min.
Time for Sanding	18 hours

Consumption

10-12 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Vital Water Borne Varnish Filler . Controlled sampling should be made for exact consumption.

Storage

It can be stored for 1 year in its unopened, original package. Store in a well-ventilated area, kept away from direct sunlight and between 5°C and 30°C with fire extinguishing measures in place.



**MATT
40**

Semi Matt

40-45

WV.455.40

**MATT
10**

Matt

10-15

WV.455.10

Nippon Vital Water Borne Varnish Matt

Product Definition

Water-thinned, single-component, air-drying, semi-matt topcoat varnish.

Places of Use

Nippon Vital Water Borne Varnish Matt is a topcoat varnish applied on solid, wood and veneered surfaces to provide protection and a decorative appearance.

Technical Specifications

Density	1,05±0.03 g/cm ³
Packing Viscosity	65-70 KU (25°C)
Application Viscosity	16-18" (20°C, DIN4)
Solid Matter Amount (by weight)	32±1%
Application Quantity	150-200 g/m ²

Application Suggestions

Applied on surfaces that were applied Nippon Vital Water Borne Varnish Matt and sanded. Wait 1 hour between coats.

Application Method	Air spray or air mix air gun
Application Viscosity	16-18 sec. (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	200 gr/m ²

Time to Dry (22°C)

Dry to Touchh	60 min.
Dry to Stack	24 hours

Consumption

10-12 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Vital Water Borne Varnish Matt. Controlled sampling should be made for exact consumption.

Storage

It can be stored for 1 year in its unopened, original package. Store in a well-ventilated area, kept away from direct sunlight and between 5°C and 30°C with fire extinguishing measures in place.



WP.3870



Nippon Vital Water Borne Primer White

Product Definition

Water based primer that is thinned with water, single component, air drying, with high Filler property and high coverage.

Places of Use

Water-based vital primer applied on MDF and surfaces used indoors to provide protection and good adhesion.

Technical Specifications

Density	1,21±0.03 g/cm ³
Package Viscosity	70±5 KU (25°C)
Solid Matter Amount (by weight)	47±1%

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Application Method	Air spray or air mix air gun
Application Viscosity	16-18 sec. (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	250-300 gr/m ²

Time to Dry (22°C)

Dry to Touch	60 min.
Time For Sanding	18 hours

Consumption

10-12 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Vital Water Borne Primer White. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.



WL.600



Nippon Vital Water Borne Matt Paint White

Product Definition

Water thinned, single component, air drying, high coverage topcoat paint.

Places of Use

Topcoat paint applied on interior, Nippon Vital Water Borne Matt Paint White applied, MDF, plywood, solid or wooden surfaces to provide protection and achieve a decorative appearance.

Technical Specifications

Density	1.20+0.03 g/cm ³
Packing Viscosity	87-92 KU (25°C)
Solid Matter Amount (by weight)	46±1%

Application Suggestions

Applied on surfaces that were applied Nippon Vital Water Borne Matt Paint White and sanded. Wait 1 hour between coats.

Application Method	Air spray or air mix air gun
Application Viscosity	13-15 sec. (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	200 - 250 gr/m ²

Time to Dry (22°C)

Dry to Touch	60 min.
Dry to Stack	24 hours

Consumption

10-12 m² area can be coated in 1 layer depending on surface application conditions with 1 kg of Nippon Vital Water Borne Matt Paint White. Controlled sampling should be made for exact consumption.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.





**NIPPON
PAINT**

**WOOD
COATINGS**

AUXILIARY PRODUCTS



1st Group

Black, Yellow, Light Walnut, Dark Walnut, Hazelnut, Mahogany

2nd Group

Antique, White

Nippon Universal Wood Colorant

Product Definition

Resin-free concentrated color solution which can be diluted with solvent and water.

Places of Use

Used as wooden surface stain on all kinds of woods and surfaces indoors.

Also used in Cellulosic and Polyurethane varnishes for coloring.

Technical Specifications

Density	0.98± 0.03 g/cm ³
Package Viscosity	14-16 s. (20 °C DIN4)

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Time to Dry (22°C)

Dries in 1 - 2 hours when diluted with water and in 10-15 minutes when diluted with solvent.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.





Nippon Decorative Wood Colorant

SC.101

Product Definition

A synthetic based, fast drying colorant providing a natural wood-like look and protecting the wood. Adapts to polyurethane, acrylic, cellulosic varnish systems to be applied upon.

Places of Use

Used to color the wood and provide a decorative look on wooden surfaces such as solid and coating.

Technical Specifications

Density	0.83±0.03 g/cm ³
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Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.



Nippon Aged Patina Paint

SW.501

Product Definition

Synthetic based and air dried special paint with an antique wooden look.

Places of Use

Used in patina, aging and shading works in furniture and decoration works for indoor use.

Technical Specifications

Density	0.93±0.03 g/cm ³
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Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

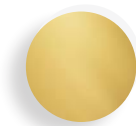
Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.



Nippon Dry Patina Paint White

SW.630



Gold is also available.

Product Definition

Synthetic based and air dried special application paint with an antique wooden look.

Places of Use

Used in patina, aging and shading works in furniture and decoration works for indoor use.

Technical Specifications

Density	1.14±0.03 g/cm ³
Solid Matter Amount	30±1
Package Viscosity	55±5 (KU)
Application Quantity	200-250 g/m ²

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.



Nippon Patina Paint A019 (Rapid Base)

SW.650

Product Definition

Synthetic based and air dried special transparent paint with an antique wooden look.

Places of Use

Used in patina, aging and shading works in furniture and decoration works for indoor use.

Technical Specifications

Density	0.84±0.03 g/cm ³
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Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.



Nippon Antisilicone

YW.250

Product Definition

A modified solvent additive prepared to prevent silicone cratering.

Places of Use

Used in furniture paint and varnish applications to prevent problems such as silicone cratering.

Technical Specifications

Density | 0.89+0.03 g/cm³

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.



Nippon Retarder

YR.300

Product Definition

A special solvent mixture prepared to avoid problems caused by hot ambient temperatures in cellulosic, polyurethane and acrylic systems.

Places of Use

Retarder is used by adding to cellulosic, polyurethane and acrylic based paints and varnishes to prevent paint defects such as boiling and orangeing that may occur in hot areas with high temperatures or in summer.

Technical Specifications

Density | 0.89+0.03 g/cm³

Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.



Nippon Gofrato Paste

YW.050

Product Definition

Nippon Gofrato Wax is an auxiliary product which helps to achieve a ragged and sandy look on the surface it is applied by adding it to top coat paint systems.

Places of Use

Used by adding to top coat paints between 5-10% by weight. In two-component products, it is first added to the product and then used by making hardener and thinner additions.

Technical Specifications

Density	0.95±0.03 g/cm ³
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Application Suggestions

The application surface should be cleaned from dust, dirt and grease. Recommended to be applied after mixing thoroughly and waiting for 10-15 minutes. Wait for 15 to 20 minutes after each coat.

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.



Nippon Matting Paste

YW.150

Product Definition

Nippon Matting Wax is an auxiliary product formulated to obtain a matter surface by adding it to top coat varnishes and paints.

Places of Use

Nippon Matting wax is used by inserting to cellulosic, polyurethane, acrylic systems by 10% by weight and thoroughly mixing.

Technical Specifications

Density	0.97±0.03 g/cm ³
Package Viscosity	55 KU (25 °C)

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.





**NIPPON
PAINT**

**WOOD
COATINGS**

THINNERS

Nippon Acrylic Thinner

AT.100

Product Definition

Nippon series is a solvent mixture with high solving strength developed for acrylic products.

Places of Use

Used as thinner in application of all Nippon series acrylic products. Ensures high quality surfaces are obtained by providing good spreading especially in Nippon Thinner series acrylic top coat products.

Technical Specifications

Density | 0,86±0,03 g/cm³

Flash Point

>23°C

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Package

12 Kg

Nippon Polyurethane Special Slow Thinner

PT.350

Product Definition

Nippon series is a solvent mixture with high solving strength developed for polyurethane products.

Places of Use

Used as thinner in application of all Nippon series polyurethane based products. Ensures high quality surfaces are obtained by providing good spreading especially in Nippon Thinner series top coat products. Used to prevent surface defects which may form due to extremely fast drying at high temperatures.

Technical Specifications

Density | 0.88±0.03 g/cm³

Flash Point

>23°C

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Package

12 Kg

Nippon Polyurethane Thinner

PT.300

Product Definition

Nippon series is a solvent mixture with high solving strength developed for polyurethane products.

Places of Use

Used as thinner in application of all Nippon Thinner series polyurethane based products. Ensures high quality surfaces are obtained by providing good spreading especially in series top coat products.

Technical Specifications

Density | 0.88± 0.03 g/cm³

Flash Point

>23°C

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Package

12 Kg

Nippon Polyurethane Thinner

PT.400

Product Definition

Nippon series is a solvent mixture with high solving strength developed for polyurethane products.

Places of Use

Used as thinner in application of all Nippon Thinner series polyurethane based products. Ensures high quality surfaces are obtained by providing good spreading especially in series top coat products.

Technical Specifications

Density | 0.88± 0.03 g/cm³

Flash Point

>23°C

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Package

12 Kg

Nippon Cellulosic Thinner

NT.200

Product Definition

Nippon series is a solvent mixture with high solvating strength developed for cellulosic products. Methanol-free.

Places of Use

Used as thinner in application of all Nippon series cellulosic based products. It is also used in cleaning of cellulosic based paint application tools.

Technical Specifications

Density | $0.84 \pm 0.03 \text{ g/cm}^3$

Flash Point

>23°C

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Package

12 Kg

Nippon Cellulosic Thinner

NT.400

Product Definition

Nippon series is a solvent mixture with high solvating strength developed for cellulosic products. Methanol-free.

Places of Use

It is used as thinner in all Nippon series cellulosic-based product applications. It is also used in cleaning of cellulosic based paint application tools.

Technical Specifications

Density | $0.84 \pm 0.03 \text{ g/cm}^3$

Flash Point

>23°C

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Package

180 kg, 14 kg, 12 kg, 4 liter, 1 liter, 0,5 liter

Nippon Polyurethane Thinner

PT.500

Product Definition

Nippon series is a solvent mixture with high solvating strength developed for polyurethane products.

Places of Use

Used as thinner in application of all Nippon Thinner series polyurethane based products. Ensures high quality surfaces are obtained by providing good spreading especially in series top coat products.

Technical Specifications

Density | $0.88 \pm 0.03 \text{ g/cm}^3$

Flash Point

>23°C

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Package

12 Kg

Nippon Synthetic Thinner

ST.300

Product Definition

A solvent mixture used in thinning Nippon synthetic products and cleaning application equipment.

Places of Use

Nippon Synthetic Thinner can be used safely as a thinner in all synthetic based paint, varnish and primer applications. As it is used for cleaning works of synthetic based paint application tools and materials (brush, roll, gun, spatula, etc.), it can also be used for cleaning dirt such as oils, stain dusts present on the surface prior to painting on iron-steel surfaces to be painted.

Technical Specifications

Density | $0.88 \pm 0.03 \text{ g/cm}^3$

Flash Point

>23°C

Storage

1 year in its unopened original package. Should be stored in well ventilated places with fire extinguishing precautions out of direct sunlight and between 5°C-30°C temperatures.

Technical Data Tables

PU FILLER VARNISHES	Package Density at Viscosity (g/m ³)	Pot Life @22C (Hours)	Mixture Ratio (By Weight)	Mixture Ratio (By Volume)	Thinner Intake Ratio	Solid Matter Amount	Package Viscosity	Application Viscosity (D4)	Application Account (g/m ²)	Time for Sanding	Transparency	Filling Characteristic C
NIPPON POLYURETHANE ROCK FILLER VARNISH 1+1	1.00±0.03	>5 hours	1:1	1:1	-	55±1	125±5 (DIN 6)	14-16 s	300-350 gr/m ²	24 hours	****	*****
NIPPON POLYURETHANE FILLER VARNISH FULL FILL 2+1	1.00±0.05	>2 hours	2:1	2:1	15-20%	47±2	100±5 (DIN 6)	15-16 s	350-400 gr/m ²	16-18 hours	****	*****
NIPPON POLYURETHANE FILLER VARNISH	0.95±0.03	3 hours	2:1	2:1	25-30%	47±1	105±5 (D6)	14-16 s	300-350 gr/m ²	16 hours	*****	***
NIPPON POLYURETHANE FILLER VARNISH FAST 2+1	1.05±0.03	<1 hour	2:1	2:1	15-20%	55±1	100-110 (KU)	15-17 s	300-350 gr/m ²	16 hours	****	*****
NIPPON POLYURETHANE FILLER VARNISH SPECIAL	1.02±0.03	2-3 hours	2:1	2:1	20-25%	50±1	110-120 (KU)	14-16 s	300-350 gr/m ²	16 hours	***	*****
NIPPON POLYURETHANE FILLER VARNISH EXPRESS	1.02±0.03	2-3 hours	2:1	2:1	20-25%	50±1	110-120 (KU)	14-16 s	300-350 gr/m ²	16 hours	****	*****

PU TOP-COAT VARNISHES	Package Density at Viscosity (g/m ³)	Pot Life @22C (Hours)	Mixture Ratio (By Weight)	Mixture Ratio (By Volume)	Thinner Intake Ratio	Solid Matter Amount	Package Viscosity	Application Viscosity (D4)	Application Account (g/m ²)	Time to dry for stacking	Wax Polish Ready Time
NIPPON POLYURETHANE GLOSS PREMIUM VARNISH 1+1	1.02±0.03	6 hours	1:1	1:1	50-60%	60±1	35±5 (DIN6)	13-15 s	300-350 gr/m ²	48 hours	24 hours
NIPPON POLYURETHANE GLOSS VARNISH 1+1	1.02±0.03	6 hours	1:1	1:1	25-30%	53±1	38±5 (D4)	14-15 s	300-350 gr/m ²	48 hours	24 hours
NIPPON POLYURETHANE GLOSS VARNISH	1.00±0.03	5 hours	1:1	1:1	%10	53±1	25±3 (D4)	13-15 s	300-350 gr/m ²	48 hours	24 hours
NIPPON POLYURETHANE GLOSS VARNISH 1+1	1.00±0.03	>8 hours	1:1	1:1	%10	51±1	40-50 (DIN4)	13-15 s	300-350 gr/m ²	60 hours	36 hours
NIPPON POLYURETHANE VARNISH EXTRA GLOSS 2+1	1.00±0.03	>8 hours	2:1	2:1	%25	49±1	50-60 (DIN4)	13-15 s	300-350 gr/m ²	60 hours	36 hours
NIPPON POLYURETHANE MATT ROCK VARNISH 1+1	1.00±0.2	3 hours	1:1	1:1	-	38±1	60 ³ (DIN4)	14-16 s	200-250 gr/m ²	24 hours	-
NIPPON POLYURETHANE SCRATCH-PROOF MATT-40 VARNISHES	0.98±0.03	4 hours	2:1	2.5:1	%60	38±1	30-40 (D4)	13-15 s	200-250 gr/m ²	24 hours	-
NIPPON POLYURETHANE SCRATCH-PROOF MATT-25 VARNISHES	0.98±0.03	4 hours	2:1	2.5:1	%60	38±1	30-40 (D4)	13-15 s	200-250 gr/m ²	24 hours	-
NIPPON POLYURETHANE SCRATCH-PROOF MATT-10 VARNISHES	0.98±0.03	4 hours	2:1	2.5:1	%60	38±1	30-40 (D4)	13-15 s	200-250 gr/m ²	24 hours	-
NIPPON POLYURETHANE MATT-40 VARNISHES	0.95±0.03	4 hours	4:1	4:1	%100	40±1	55-65 (DIN6)	13-15 s	200-250 gr/m ²	24 hours	-
NIPPON POLYURETHANE MATT-25 VARNISHES	1.00±0.03	4 hours	4:1	4:1	%100	40±1	55-65 (DIN6)	13-15 s	200-250 gr/m ²	24 hours	-
NIPPON POLYURETHANE MATT-10 VARNISHES	0.95±0.03	4 hours	4:1	4:1	%100	40±1	55-65 (DIN6)	13-15 s	200-250 gr/m ²	24 hours	-
NIPPON POLYURETHANE MATT-40 VARNISHES 4+1	0.95±0.03	4 hours	4:1	4:1	%100	35±1	170-190 (DIN4)	13-15 s	200-250 gr/m ²	24 hours	-
NIPPON POLYURETHANE MATT-25 VARNISHES 4+1	1.00±0.03	4 hours	4:1	4:1	%100	35±1	170-190 (DIN4)	13-15 s	200-250 gr/m ²	24 hours	-
NIPPON POLYURETHANE MATT-10 VARNISHES 4+1	1.00±0.03	4 hours	4:1	4:1	%100	35±1	170-190 (DIN4)	13-15 s	200-250 gr/m ²	24 hours	-

PU PRIMERS	Package Density at Viscosity (g/m ³)	Pot Life @22C (Hours)	Mixture Ratio (By Weight)	Mixture Ratio (By Volume)	Thinner Intake Ratio	Solid Matter Amount	Package Viscosity	Application Viscosity (D4)	Application Account (g/m ²)	Time for Sanding	Covering	Filling
NIPPON POLYURETHANE MDF BARRIER	1.01±0.03	2 hours	3:1	2.7:1	60-70%	58±1	120±5 (KU)	15-17 s	150 g/m ²	3.5 hours	-	-
NIPPON POLYURETHANE PRIMER 2.5+1	1.40±0.02	3-4 hours	2.5:1	1.6:1	15-20%	75.5±1	120±3 (KU)	14-16 s	350-400 gr/m ²	24 hours	*****	*****
NIPPON POLYURETHANE PRIMER FLEX 2.5+1	1.40±0.05	2-3 hours	2.5:1	2.5:1	15-20%	75.5±1	120±5 (DIN4)	14-16 s	350-400 gr/m ²	24 hours	*****	*****
NIPPON POLYURETHANE PRIMER WHITE	1.60±0.03	4-6 hours	3:1	2:1	%15	77±1	120-130 (KU)	14-16 s	300-350 gr/m ²	16 hours	*****	*****
NIPPON POLYURETHANE PRIMER MDF WHITE	1.50±0.03	5 hours	3:1	2:1	%20	78±1	120-130 (KU)	14-16 s	300-350 gr/m ²	16 hours	*****	*****
NIPPON POLYURETHANE PRIMER 3+1	1.55±0.03	2 hours	3:1	2:1	%15	78±1	110-130 (KU)	14-16 s	300-350 gr/m ²	16 hours	*****	*****
NIPPON POLYURETHANE PRIMER FON 4+1	1.35±0.03	1.5-2 hours	4:1	3:1	25-30%	70-72	85-90 (DIN6)	15-17 s	120-150 gr/m ²	12-14 hours	***	***
NIPPON POLYURETHANE PRIMER BLACK FON 4+1	1.50±0.02	1.5-2 hours	4:1	6.25:1	15-20%	70-72	80-85 (KU)	15-17 s	180-190 gr/m ²	12-14 hours	***	***
NIPPON POLYURETHANE FON PRIMER 4+1 WHITE	1.55±0.03	>6 hours	3:1	2:1	%20	78±1	120-130 (KU)	14-16 s	300-350 gr/m ²	24 hours	*****	*****
NIPPON POLYURETHANE SPRAY PRIMER WHITE 3+1	1.55±0.03	4-6 hours	4:1	4:1	%15	78±1	120-130 KU	14-16 s	300-350 gr/m ²	16 hours	***	***

PU TOP-COAT PAINTS	Package Density at Viscosity (g/m ³)	Pot Life @22C (Hours)	Mixture Ratio (By Weight)	Mixture Ratio (By Volume)	Thinner Intake Ratio	Solid Matter Amount	Package Viscosity	Application Viscosity (D4)	Application Account (g/m ²)	Time to dry for stacking	Wax Polish Ready Time
NIPPON POLYURETHANE GLOSS SHINY WHITE 2+1	1.30±0.05	6 hours	2:1	1.6:1	35-40%	66.5±1	90±5 (D1N4)	13-15 s	250-300 g/m ²	48 hours	24 hours
NIPPON POLYURETHANE H.00 GLOSS PAINT WHITE	1.30±0.03	4 hours	2:1	1.6:1	%30	66±1	80-90 (D4)	13-15 s	300-350 g/m ²	48 hours	24 hours
NIPPON POLYURETHANE GLOSS PAINT WHITE 2+1	1.25±0.03	4-6 hours	2:1	1.6:1	20-25%	69±1	40-50 (D6)	13-15 s	300-350 g/m ²	48 hours	24 hours
NIPPON POLYURETHANE MATT PAINT WHITE 2+1	1.30±0.05	6 hours	2:1	1.6:1	20-25%	65±2	48±2 (D1N6)	13-15 s	250-300 g/m ²	24 hours	-
NIPPON POLYURETHANE MATT-40 PAINT WHITE	1.40±0.03	>8 hours	2:1	1.6:1	25-30%	70±1	85-95 (D1N6)	13-15 s	200-250 g/m ²	24 hours	-
NIPPON POLYURETHANE MATT-28 PAINT WHITE	1.30±0.03	>8 hours	2:1	1.6:1	25-30%	70±1	85-95 (D1N6)	13-15 s	200-250 g/m ²	24 hours	-
NIPPON POLYURETHANE MATT-10 PAINT WHITE	1.25±0.03	>8 hours	2:1	1.4:1	10-15%	72±2	20±3 (D1N6)	13-15 s	250-300 g/m ²	24 hours	-
NIPPON POLYURETHANE MATT PAINT SMOOTH WHITE 2+1	1.35±0.05	8 hours	2:1	1.4:1	20-25%	80±1	105-115 (KU)	14-16 s	200-250 g/m ²	24 hours	-
NIPPON POLYURETHANE PANEL DOOR PAINT	1.60±0.03	4-6 hours	4:1	6:1	30-35%	60±1	15-25 (D1N6)	13-15 s	200-250 g/m ²	24 hours	-
NIPPON POLYURETHANE MATT PAINT FAST WHITE 4+1	1.27±0.03	6-8 hours	4:1	4:1	30-35%	60±1	15-25 (D1N6)	13-15 s	200-250 g/m ²	24 hours	-
NIPPON POLYURETHANE DEEP BLACK GLOSS PAINT 1+1	1.03±0.05	8 hours	1:1	1:1	20-25%	54.5±1	70±5 (D1N4)	13-15 s	200-250 g/m ²	24 hours	-
NIPPON POLYURETHANE MATT PAINT DEEP BLACK	1.02±0.03	8 hours	2:1	1.6:1	20-25%	50±1	85±5 (D1N4)	13-15 s	200-250 g/m ²	24 hours	-
NIPPON POLYURETHANE MATT PAINT BLACK	1.30±0.03	4-6 hours	4:1	4:1	30-35%	69±1	40-50 (D1N6)	13-15 s	200-250 g/m ²	24 hours	-

ACRYLIC FILLER VARNISHES	Package Density at Viscosity (g/m ³)	Pot Life @22C (Hours)	Mixture Ratio (By Weight)	Mixture Ratio (By Volume)	Thinner Intake Ratio	Solid Matter Amount	Package Viscosity	Application Viscosity (D4)	Application Account (g/m ²)	Time for Sanding	Transparency	Filling
NIPPON ACRYLIC FILLER VARNISH 2+1	1.00±0.03	3 hours	2:1	2:1	35-40%	47±1	110±5 (D4)	14-16 s	300-350 g/m ²	18 hours	*****	*****
NIPPON ACRYLIC VARNISH FILLER 10+1	0.94±0.03	>8 hours	10:1	10:1	%90	28±1	47±5 (D4)	14-16 s	300-350 g/m ²	18 hours	*****	****
NIPPON ACRYLIC VARNISH FILLER 4+1	0.95±0.03	6 hours	5:1	5:1	20-25%	28±1	50±5 (D4)	15-16 s	300-350 g/m ²	18 hours	****	*****

ACRYLIC TOP-COAT VARNISHES	Package Density at Viscosity (g/m ³)	Pot Life @22C (Hours)	Mixture Ratio (By Weight)	Mixture Ratio (By Volume)	Thinner Intake Ratio	Solid Matter Amount	Package Viscosity	Application Viscosity (D4)	Application Account (g/m ²)	Time to dry for stacking	Wax Polish Ready Time
NIPPON ACRYLIC GLOSS VARNISH 2+1	1.00 ±0.03	4 hours	2:1	2:1	60-70%	56±1	90±5 (D6)	13-15 s	300-350 g/m ²	96 hours	72 hours
NIPPON ACRYLIC FILLER VARNISH 2+1	0.96 ±0.03	>6 hours	2:1	2:1	%15	40±1	31±5 (D4)	13-15 s	300-350 g/m ²	72 hours	48 hours
NIPPON ACRYLIC MATT-40 VARNISHES 10+1	0.96 ±0.03	>6 hours	10:1	9:1	%70	46±1	95±5 (D4)	13-15 s	200-250 g/m ²	24 hours	-
NIPPON ACRYLIC MATT-10 VARNISHES 10+1	0.96 ±0.03	>6 hours	10:1	9:1	%70	35±1	80-90 (D4)	13-15 s	200-250 g/m ²	24 hours	-
NIPPON ACRYLIC MATT VARNISH 8+1	0.95±0.05	6 hours	8:1	8:1	%80	27±1	70±5 (D1N4)	14-15 s	250-300 g/m ²	24 hours	-
NIPPON ACRYLIC MATT-40 VARNISHES 5+1	0.95 ±0.03	6 hours	5:1	5:1	25-30%	30±1	70±5 (D4)	13-15 s	200-250 g/m ²	24 hours	-
NIPPON ACRYLIC MATT-10 VARNISHES 5+1	0.95 ±0.03	6 hours	5:1	5:1	25-30%	30±1	70±5 (D4)	13-15 s	200-250 g/m ²	24 hours	-

ACRYLIC PRIMERS	Package Density at Viscosity (g/m ³)	Pot Life @22C (Hours)	Mixture Ratio (By Weight)	Mixture Ratio (By Volume)	Thinner Intake Ratio	Solid Matter Amount	Package Viscosity	Application Viscosity (D4)	Application Account (g/m ²)	Time for Sanding	Covering	Filling
NIPPON ACRYLIC PRIMER WHITE 2+1	1.47 ±0.03	4 hours	2:1	1:1.35	%10	74±1	110±5 (D4)	15-17 s	300-350 g/m ²	18 hours	*****	*****

ACRYLIC TOP-COAT PAINTS	Package Density at Viscosity (g/m ³)	Pot Life @22C (Hours)	Mixture Ratio (By Weight)	Mixture Ratio (By Volume)	Thinner Intake Ratio	Solid Matter Amount	Package Viscosity	Application Viscosity (D4)	Application Account (g/m ²)	Time to dry for stacking	Wax Polish Ready Time
NIPPON ACRYLIC GLOSS PAINT WHITE 2+1	1.25±0.03	6 hours	2:1	1:1.6	40-45%	64±1	20±3 (D6)	14-16 s	300-350 g/m ²	96 hours	72 hours
NIPPON ACRYLIC GLOSS PAINT WHITE 2+1	1.22±0.03	4 hours	2:1	1.65:1	%30	64±1	36±5 (D6)	13-15 s	300-350 g/m ²	72 hours	48 hours
NIPPON ACRYLIC MATT-40 PAINT 10+1	1.14±0.03	>6 hours	10:1	9:1	%55	46±1	93±5 (D4)	13-15 s	200-250 g/m ²	24 hours	-
NIPPON ACRYLIC MATT-40 PAINT 10+1	1.14±0.03	>6 hours	10:1	9:1	%55	46±1	110±5 (D4)	13-15 s	200-250 g/m ²	24 hours	-
NIPPON ACRYLIC MATT PAINT 5+1	1.14±0.03	>6 hours	5:1	5:1	%55	44±1	115±5 (D1N4)	13-15 s	200-250 g/m ²	24 hours	-

CELLULOSE FILLER VARNISHES	Package Density at Viscosity (g/m ³)	Pot Life @22C (Hours)	Mixture Ratio (By Weight)	Mixture Ratio (By Volume)	Thinner Intake Ratio	Solid Matter Amount	Package Viscosity	Application Viscosity (D4)	Application Account (g/m ²)	Time for Sanding	Transparency	Filling
NIPPON CELLULOSE FILLER VARNISH	0.95±0.03	-	-	-	%100	36±1	60-70 (DIN6)	15-17 s	300-350 g/m ²	6 hours	****	*****
NIPPON CELLULOSE FILLER VARNISH	0.95±0.03	-	-	-	%70	76±1	40-50 (D6)	15-17 s	300-350 g/m ²	6 hours	****	*****

CELLULOSE TOP-COAT VARNISHES	Package Density at Viscosity (g/m ³)	Pot Life @22C (Hours)	Mixture Ratio (By Weight)	Mixture Ratio (By Volume)	Thinner Intake Ratio	Solid Matter Amount	Package Viscosity	Application Viscosity (D4)	Application Account (g/m ²)	Time to dry for stacking	Transparency	Filling
NIPPON CELLULOSE GLOSS VARNISH	0.96±0.03	-	100%	-	%100	32±1	45±5 (DIN4)	14-16	180-200 g/m ²	24 hours	-	-
NIPPON CELLULOSE MATT VARNISH	0.94±0.03	-	100	-	%100	47±1	70±5 (DIN4)	-	180-200 g/m ²	24 hours	-	-
NIPPON CELLULOSE GLOSS VARNISH PEARL	1.00±0.03	-	100%	-	%100	38±1	50-60 (D6)	14-16 s	180-220 g/m ²	24 hours	-	-
NIPPON CELLULOSE COLORFUL VARNISH	0.95±0.03	-	100%	-	%100	25±1	25-30 (D6)	15-17 s	180-220 g/m ²	24 hours	-	-

CELLULOSE PRIMERS	Package Density at Viscosity (g/m ³)	Pot Life @22C (Hours)	Mixture Ratio (By Weight)	Mixture Ratio (By Volume)	Thinner Intake Ratio	Solid Matter Amount	Package Viscosity	Application Viscosity (D4)	Application Account (g/m ²)	Time for Sanding	Covering	Filling
NIPPON CELLULOSE PRIMER	1.38±0.03	-	-	-	%60	66±1	127±5 (KU)	15-17 s	300-350 g/m ²	6 hours	***	***
NIPPON CELLULOSE PRIMER	1.55±0.03	-	-	-	%70	75±1	125-130 (KU)	15-17 s	300-350 g/m ²	6 hours	***	***

CELLULOSE TOP-COAT PAINTS	Package Density at Viscosity (g/m ³)	Pot Life @22C (Hours)	Mixture Ratio (By Weight)	Mixture Ratio (By Volume)	Thinner Intake Ratio	Solid Matter Amount	Package Viscosity	Application Viscosity (D4)	Application Account (g/m ²)	Time to dry for stacking	Transparency	Filling
NIPPON CELLULOSE GLOSS PAINT WHITE	1.15±0.03	-	100%	-	%100	49±1	60-70 (DIN6)	13-15 s	250-300 g/m ²	24 hours	-	-
NIPPON CELLULOSE MATT PAINT	1.12±0.03	-	100%	-	%100	49±1	100±5 (KU)	14-16 s	200-250 g/m ²	24 hours	-	-
NIPPON CELLULOSE GLOSS PAINT WHITE	1.55±0.03	-	100%	-	%75	78±1	110-130 (KU)	14-16 s	250-300 g/m ²	24 hours	-	-
NIPPON CELLULOSE MATT PAINT	1.14±0.03	-	100%	-	%100	78±1	135±5 (D6)	13-15 s	200-250 g/m ²	24 hours	-	-
NIPPON CELLULOSE CRACKLE PAINT	1.35±0.03	-	100%	-	%75	48±1	100-110 (D4)	13-15 s	80-100 g/m ²	24 hours	-	-

POLYESTERS	Package Density at Viscosity (g/m ³)	Pot Life @22C (Hours)	Mixture Ratio (By Weight)	Mixture Ratio (By Volume)	Thinner Intake Ratio	Solid Matter Amount	Package Viscosity	Application Viscosity (D4)	Application Account (g/m ²)	Time for Sanding	Covering	Filling
NIPPON POLYESTER FILLER VARNISH	1.05±0.03	15 min.	100:2.5:2.5	-	20-25%	59±1	70-75 (DIN 4)	20-25 s	400-450 g/m ²	16 hours	-	*****
NIPPON POLYESTER PRIMER WHITE	1.40-1.48	30 min.	100:2.5:2.5	-	15-20%	79-82	100-105 (KU)	15-16 s	350-400 g/m ²	16 hours	*****	*****

WATER BORNE PRODUCTS	Package Density at Viscosity (g/m ³)	Pot Life @22C (Hours)	Mixture Ratio (By Weight)	Mixture Ratio (By Volume)	Thinner Intake Ratio	Solid Matter Amount	Package Viscosity	Application Viscosity (D4)	Application Account (g/m ²)	Time for Sanding	Covering	Filling
NIPPON VITAL VARNISH FILLER	1.04±0.03	-	-	-	-	45±1	86±5 (DIN4)	13-15	250-300 g/m ²	18 hours	-	***
NIPPON VITAL VARNISH MATT	1.20±0.03	-	-	-	-	46±1	87-92 (KU)	13-15	200 - 250 g/m ²	-	-	-
NIPPON VITAL PRIMER WHITE	1.21±0.03	-	-	-	-	47±1	70±5 (KU)	16-18	250-300 g/m ²	18 hours	***	***
NIPPON VITAL MATT PAINT WHITE	1.20±0.03	-	-	-	-	46±1	87-92 (KU)	13-15	200 - 250 g/m ²	-	***	-

