

FİLLİ BOYA  
**FURNITURE PAINTS**  
PRODUCT CATALOG





## BETEK BOYA VE KİMYA SAN. A.Ş.

Betek Boya Kimya ve Sanayi A.Ş., founded in 1988, entered into the market within its first years in the industry by developing high quality products in the fields of concrete admixtures, ready-mixed mortars and water insulation materials needed by the construction materials industry. The company achieved a significantly rapid growth thanks to the demand generated with efficient sales and marketing systems. Betek went in search of new markets with the experience and power it gained in the field of construction and added construction paints to its product range.

Acquiring the identity of a "pioneering and innovative brand with high quality production" by utilizing the latest production technologies and offering the products which directed consumer demands and made a breakthrough in the paint industry, Betek has exemplarily become the strongest company in the paint industry within the shortest time. Succeeded in taking the lead in the paint industry by 2001. Betek made sustainable investments by considering the importance of brand investment while taking the lead in industry and generated the Filli Boya and Fawori brands, which has won the hearts of Turkish consumers. Betek, with its more than one thousand employees and nearly 3000 sales points, has left its mark on the industry and succeeded in becoming one of the most important industrial companies of Turkey, not only the paint industry.

Continuing its rapid growth, Betek A.Ş. launched its products also in the fields of Furniture Paints and Varnishes in 2003. It has become a brand directing the industry in this field in a short time with the products it developed and the service quality it provided. Filli Boya showed the importance it is giving to the environment and human health by producing products which are Lead-Free and has Free Isocyanate rates lower than European standards in the field of furniture paints. Filli Boya furniture paints group

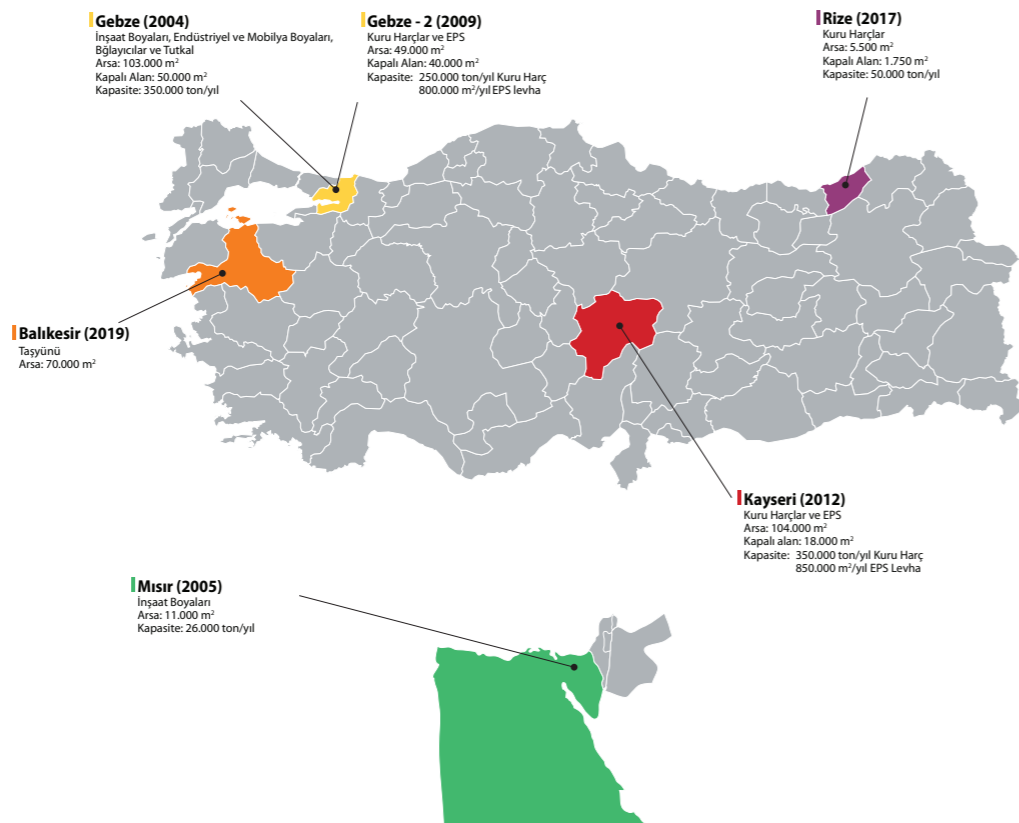
became supplier of leading furniture companies of Turkey at a short time as a result of the works it performed. Strengthening its power every year with growth rates that exceed its competitors and the industry, Betek has opened the RMI Scientific Research Center which is ready to make a huge contribution to our development in the fields of paint and thermal insulation as well the industry in November 2007. With its annual production of 150,000 tons dry mortar and 400,000 m<sup>3</sup> EPS material in its facility built on an area of 100 thousand m<sup>2</sup> in Kayseri, it begun producing all the main components of heat insulation systems. Lastly, the rockwool factory built on an area of 70 thousand m<sup>2</sup> in Balıkesir started its operations.

Betek's mission is to carry the success it gained domestically across the national borders and it is in the leading position in export with its facility with the production capacity of 26 thousand tons of paint built on an area of 11 thousand m<sup>2</sup> in Egypt and its exportation to tens of countries.

Always placing emphasis on research and development, Betek turned into a strong brand thanks to the cooperation of hard work with science and technology and it never forgot about the nature which have been an inspiration for all the works it performed. It always paid attention to use the limited energy resources of our world and country in an efficient way. It carried out many projects to impress this consciousness on the workers of the industry and the public. With its resource consumption, waste management, recovery and recycling practices it provided huge contributions to the environment and national economy. Both its products and its production facilities were able to stay friendly with the environment and as of 2019 we became the first organization in our industry receiving Green Office Diploma.

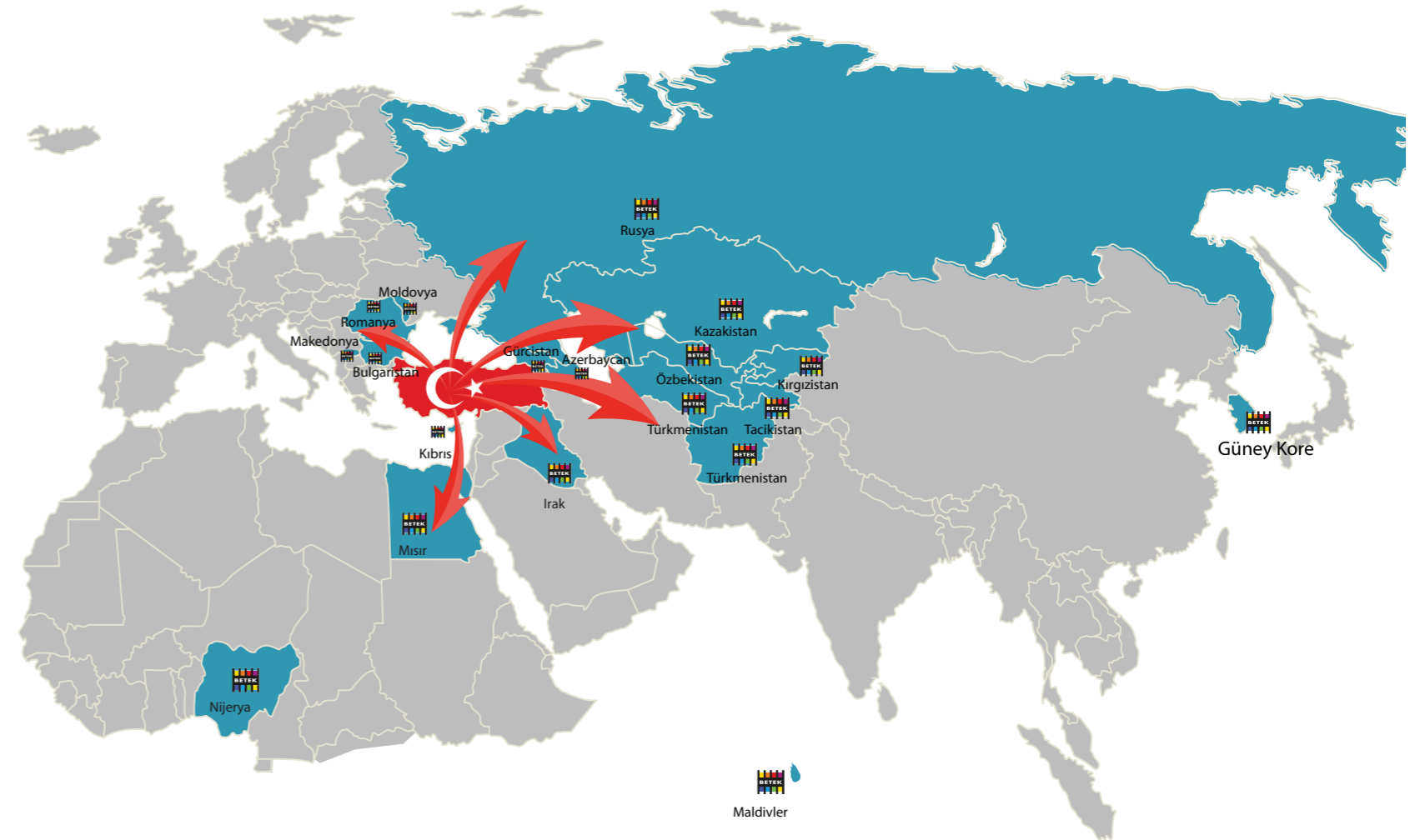
The aim is to transform Betek, which is advancing with these values, into a brand with worldwide recognition.

## BETEK PRODUCTION FACILITIES



## BETEK IN THE WORLD

- Georgia
- Uzbekistan
- Turkmenistan
- Tajikistan
- Kazakhstan
- Kyrgyzstan
- Azerbaijan
- Russia
- Iran
- Nigeria
- Greece
- Montenegro
- Iraq
- Egypt
- Bulgaria
- Kosovo
- Macedonia
- Moldavia
- Romania
- Cyprus
- Maldives
- South Korea
- Bosnia and Herzegovina



# Limitless Color Options for Your Furnitures with ColorWood

## ColorWood Cellulosic Glossy Base

Base 1: FILASEL SZ 000.19  
Base 2: FILASEL SZ 000.29  
Base 3: FILASEL SZ 000.39

GLOSSY

## ColorWood Cellulosic Matt Base

Base 1: FILASEL SZ 000.11  
Base 2: FILASEL SZ 000.21  
Base 3: FILASEL SZ 000.31

MATT-10

10-15

## ColorWood Polyurethane Glossy Base

Base 1: FILADUR SZ 210.19  
Base 2: FILADUR SZ 210.29  
Base 3: FILADUR SZ 210.39

GLOSSY

## ColorWood Polyurethane Matt Base

Base 1: FILADUR SZ 210.11  
Base 2: FILADUR SZ 210.21  
Base 3: FILADUR SZ 210.31

MATT-10

10-15

## ColorWood Polyurethane Hardener

FILADUR SZS 000.00

## ColorWood Acrylic Glossy Base

Base 1: FILACRYL SZ 210.19  
Base 2: FILACRYL SZ 210.29  
Base 3: FILACRYL SZ 210.39

GLOSSY

## ColorWood Acrylic Hardener

FILACRYL SZS 210.00

### ColorWood Waxes

- ColorWood White 6
- ColorWood Green 7
- ColorWood Phtalo Blue 15:3
- ColorWood Red Oxide 101
- ColorWood Red 254
- ColorWood Magenta 122
- ColorWood Orange 36
- ColorWood Yellow 184
- ColorWood Yellow 194
- ColorWood Yellow Oxide 42
- ColorWood Yellow 83
- ColorWood Violet 19
- Colorwood Black 7LS

# Any color you want is ready any time you want it with ColorWood!

*Filli Boya prepares any color you want through Color Wood the furniture paints toning system, with Filli Boya quality and technology.*

*Select Color Wood products and let us add value and color to your furnitures with your quality.*





# AREAS OF USAGE



BATHROOM FURNITURE



KITCHEN FURNITURE



KID'S ROOM FURNITURE



WOODEN DOOR



DECORATIVE HOME FURNITURE



OFFICE FURNITURE



WOODEN TOY



LAMINATED PARQUET



HIGH GLOSS PANEL



MUSICAL INSTRUMENTS



PANEL DOOR



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# Leave it to the experts, strengthen your labor.

**Filli Boya Furniture Paints;** brought the users together with professional solutions of high performance through **ULTRA** series; high quality product range to meet all needs of the sector through **SUPER** series; and perfect price/performance through **FINE** series. Filli Boya Furniture Paints worth your efforts and strengthen your business.







# ULTRA

PRODUCT  
GROUP



## Ultra Polyurethane Wooden 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 filling 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 <sup>3</sup>
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

Area of application should be cleared from all kind of oils, dirt and dust. 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 air gun
Application Viscosity	13-15 s. 13-15" (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	100 - 120 gr/m <sup>2</sup>

### Time to Dry

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

### Consumption

10-12 m<sup>2</sup> area can be coated 2-3 layers depending on surface application conditions with 1 kg of Filli Boya Ultra Polyurethane Wooden 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
Filli Boya Ultra Polyurethane Wooden Barrier	100 Portions	
Filli Boya Ultra Polyurethane Wooden Barrier Hardener	100 Portions	



FILADUR UY 110.00



## Ultra Polyurethane MDF Barrier

### Product Definition

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

### Places of Use

Barrier used to ensure a good adhesion between polyurethane and polyester primers and to eliminate the risk of cracking.

### Technical Specifications

Density	1.01+0.03 g/cm <sup>3</sup>
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

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 Viscosity	15 - 17 s." (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	100 - 120 gr/m <sup>2</sup>

### Time to Dry

Dry to Touch	10 min.
Time for Rough Sanding	100 min.
Time for Sanding	3.5 hours

### Consumption

10-12 m<sup>2</sup> area can be coated 2-3 layers depending on surface application conditions with 1 kg of Filli Boya Ultra 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 Volume	By Weight
Filli Boya Ultra Polyurethane MDF Barrier	100 PORTIONS	100 PORTIONS
Filli Boya Ultra Polyurethane MDF Barrier Hardener	33 PORTIONS	37 PORTIONS
Filli Boya Super Cellulosic Thinner	60-70 PORTIONS	54-63 PORTIONS



1.Component: FILADUR UH 310.00  
2.Component: FILADUR UHS 310.00





## Ultra Polyurethane Filling Varnish

### Product Definition

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

### Places of Use

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

### Technical Specifications

Density	0.95-1.05 g/cm <sup>3</sup>
Package Viscosity	50-60" (20°C, DIN4)
Application Viscosity	15-17" (20°C, DIN4)
Solid Matter Amount (by weight)	51-53%
Pot Life	6 hours

### Application Suggestions

Area of application should be cleared from all kind of oils, dirt and dust. 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	115°C - 30°C, 40%-70% RH
Application Quantity	250-300 gr/m <sup>2</sup>

### Time to Dry

Dry to Touch	10 min.
Rough Sanding	65 min.
Time for Sanding	16 hours

### Consumption

8-10 m<sup>2</sup> area can be coated (excluding losses) with a single layer depending on the surface and application method with 1 kg of Filli Boya Ultra Polyurethane Filling 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
Filli Boya Ultra Polyurethane Filling Varnish	100 PORTIONS	100 PORTIONS
Filli Boya Ultra Polyurethane Varnish Hardener	50 PORTIONS	50 PORTIONS
Filli Boya Ultra Polyurethane Thinner	35-40 PORTIONS	35-40 PORTIONS



FILADUR UD 210.00



## Ultra Polyurethane Primer White

### Product Definition

Two-component primer with high filling strength and covering which is easy to sand.

### Places of Use

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

### Technical Specifications

Density	1.37+0.03 g/cm <sup>3</sup>
Package Viscosity	130+5 KU (25°C)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	70±1%
Pot Life	8 hours

### Application Suggestions

Area of application should be cleared from dust, dirt and oils. Recommended to be applied for 2-3 layers. You should wait 10-15 minutes between layers. 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 air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 g/m <sup>2</sup>

### Time to Dry

Dry to Touch	15 min.
Time for Rough Sanding	90 min.
Time for Sanding	16 hours

### Consumption

8-10 m<sup>2</sup> area can be coated (excluding losses) with a single layer depending on the surface and application method with 1 kg of Filli Boya Ultra Polyurethane 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
Filli Boya Ultra Polyurethane Primer	100 PORTIONS	100 PORTIONS
Filli Boya Ultra Polyurethane Primer Hardener	33 PORTIONS	33 PORTIONS
Filli Boya Super Cellulosic Thinner	20-25 PORTIONS	10-15 PORTIONS



1.Component: FILADUR UA 310.00  
2.Component: FILADUR UAS 310.00





## Ultra 2+1 Acrylic Filling Varnish

### Product Definition

Two-component filling varnish with a clear structure which can be sanded quickly alongside its very good filling 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 <sup>3</sup>
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	250-300 gr/m <sup>2</sup>

### Time to Dry

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

### Consumption

8-10 m<sup>2</sup> area can be coated (excluding losses) with a single layer depending on the surface and application method with 1 kg of Filli Boya Ultra Acrylic Filling 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
Filli Boya Ultra Acrylic Filling Varnish	100 PORTIONS	100 PORTIONS
Filli Boya Ultra Acrylic Varnish Hardener	50 PORTIONS	50 PORTIONS
Filli Boya Super Acrylic Thinner	35-40 PORTIONS	35-40 PORTIONS



1.Component: FILACRYL UD 210.00  
2.Component: FILACRYL UDS 210.00



## Ultra 2+1 Acrylic Primer White

### Product Definition

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

### Places of Use

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

### Technical Specifications

Density	1.47-0.03 g/cm <sup>3</sup>
Package Viscosity	110+5" (20°C DIN4)
Application Viscosity	15-17" (20°C, DIN4)
Solid Matter Amount (by weight)	74±1%
Pot Life	6 hours

### Application Suggestions

Area of application should be cleared from dust, dirt and oils. Recommended to be applied for 2-3 layers. You should wait 15-20 minutes between layers. 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 air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 g/m <sup>2</sup>

### Time to Dry

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

### Consumption

8-10 m<sup>2</sup> area can be coated (excluding losses) with a single layer depending on the surface and application method with 1 kg of Filli Boya Ultra Acrylic Primer. Controlled sampling should be made for exact consumption.

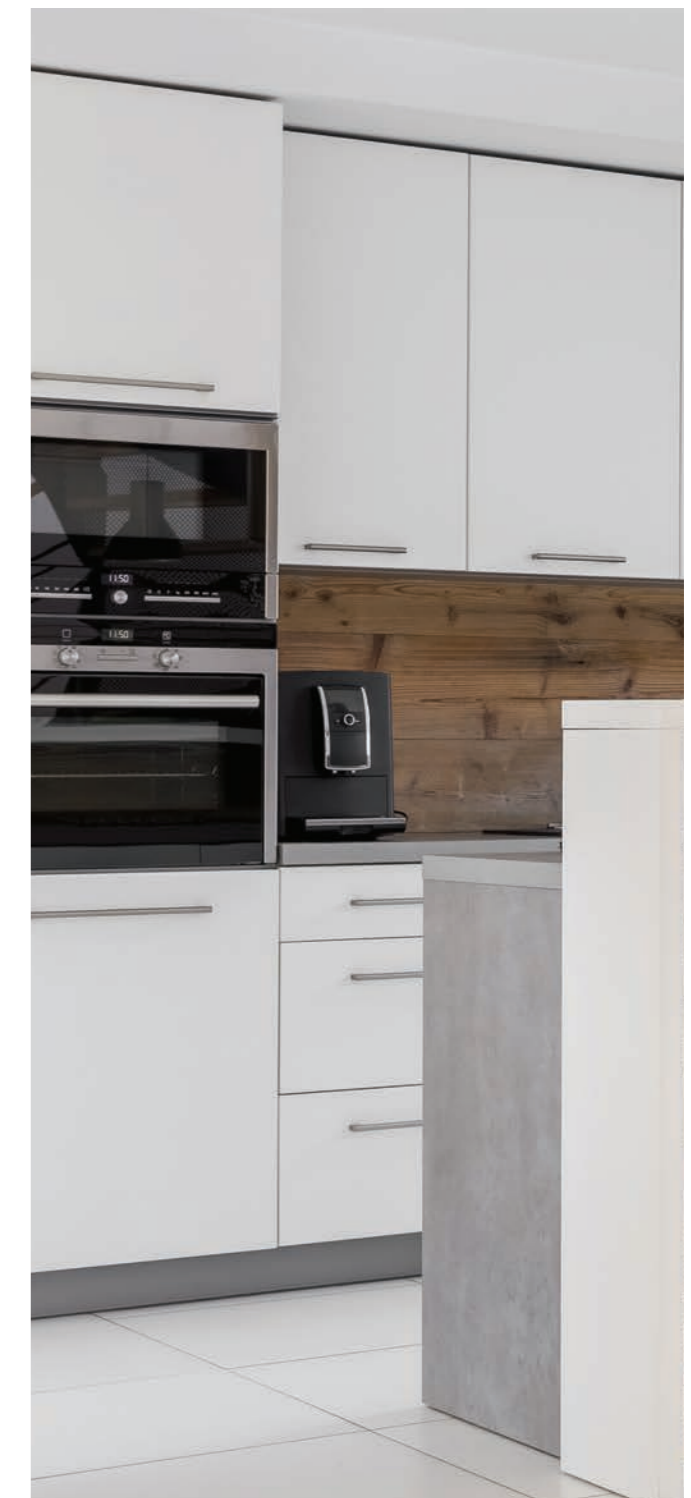
### Storage

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
Filli Boya Ultra Acrylic Primer	100 PORTIONS	100 PORTIONS
Filli Boya Ultra Acrylic Primer Hardener	50 PORTIONS	135 PORTIONS
Filli Boya Ultra Acrylic Thinner	10 PORTIONS	40-45 PORTIONS



1.Component: FILACRYL UA 210.00  
2.Component: FILACRYL UAS 210.00





# Ultra Polyurethane 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 Filli Boya Polyurethane or Polyester Filling was applied to ensure protection and to obtain a decorative look.

## Technical Specifications

Density	1.00+0.03 g/cm <sup>3</sup>
Package Viscosity	35-45" (20°C, DIN6)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	45±1%
Gloss Level	10-15 gloss
Pot Life	3 hours

## Application Suggestions

Applied on Filli Boya Polyurethane or Polyester Filling is 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 Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	180 - 220 gr/m <sup>2</sup>

## Time to Dry

Dry to Touch	60 min.
Dry to Stack	24 hours

## Consumption

10-12 m<sup>2</sup> area can be coated 2-3 layers depending on surface application conditions with 1 kg of Filli Boya Ultra 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
Filli Boya Ultra Polyurethane Matt-10 Varnish	100 PORTIONS	100 PORTIONS
Filli Boya Ultra Polyurethane Varnish Hardener	33 PORTIONS	33 PORTIONS
Filli Boya Ultra Polyurethane Thinner	100 PORTIONS	100 PORTIONS



## Semi Matt Varnish

40-45

1.Component: FILADUR UV 310.05  
2.Component: FILADUR UVS 310.00

MATT-40

## Matt Varnish

10-15

1.Component: FILADUR UV 310.01  
2.Component: FILADUR UVS 310.00

MATT-10



# Ultra 2+1 Acrylic Glossy Varnish

## Product Definition

Acrylic resin based two-component top coat varnish. Bring a glossy 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 Filli Boya Acrylic Filling was applied to ensure protection and to obtain a decorative look.

## Technical Specifications

Density	1.00+0.03 g/cm <sup>3</sup>
Package Viscosity	90+5" (20°C, DIN6)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	56±1%
Gloss Level	98 Gloss
Pot Life	4 hours

## Application Suggestions

Applied on Filli Boya Acrylic or Polyester Filling applied and sanded surfaces as 3 layers. 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	300-350 gr/m <sup>2</sup>

## Time to Dry

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

## Consumption

10-12 m<sup>2</sup> area can be coated 2-3 layers depending on surface application conditions with 1 kg of Filli Boya Ultra Acrylic Glossy 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
Filli Boya Ultra Acrylic Glossy Varnish	100 PORTIONS	100 PORTIONS
Filli Boya Ultra Acrylic Varnish Hardener	50 PORTIONS	50 PORTIONS
Filli Boya Ultra Acrylic Thinner	60-70 PORTIONS	60-70 PORTIONS



GLOSSY

1.Component: FILACRYL UV 210.09  
2.Component: FILACRYL US 210.00







## Ultra 2+1 Acrylic Glossy Paint White

### Product Definition

Acrylic resin based two-component top coat glossy paint. Bring a glossy 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, wooden and coated surfaces indoors on which Filli Boya Acrylic Primer was applied to ensure protection and to obtain a decorative look.

### Technical Specifications

Density	1.25+0.03 g/cm <sup>3</sup>
Package Viscosity	20+3" (20°C DIN6)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	64±1%
Pot Life	6 hours

### Application Suggestions

Applied on Filli Boya 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 Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 g/m <sup>2</sup>

### Time to Dry

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

### Consumption

8-10 m<sup>2</sup> area can be coated (excluding losses) with a single layer depending on the surface and application method with 1 kg of Filli Boya Ultra Acrylic Glossy Paint. Controlled sampling should be made for exact consumption.

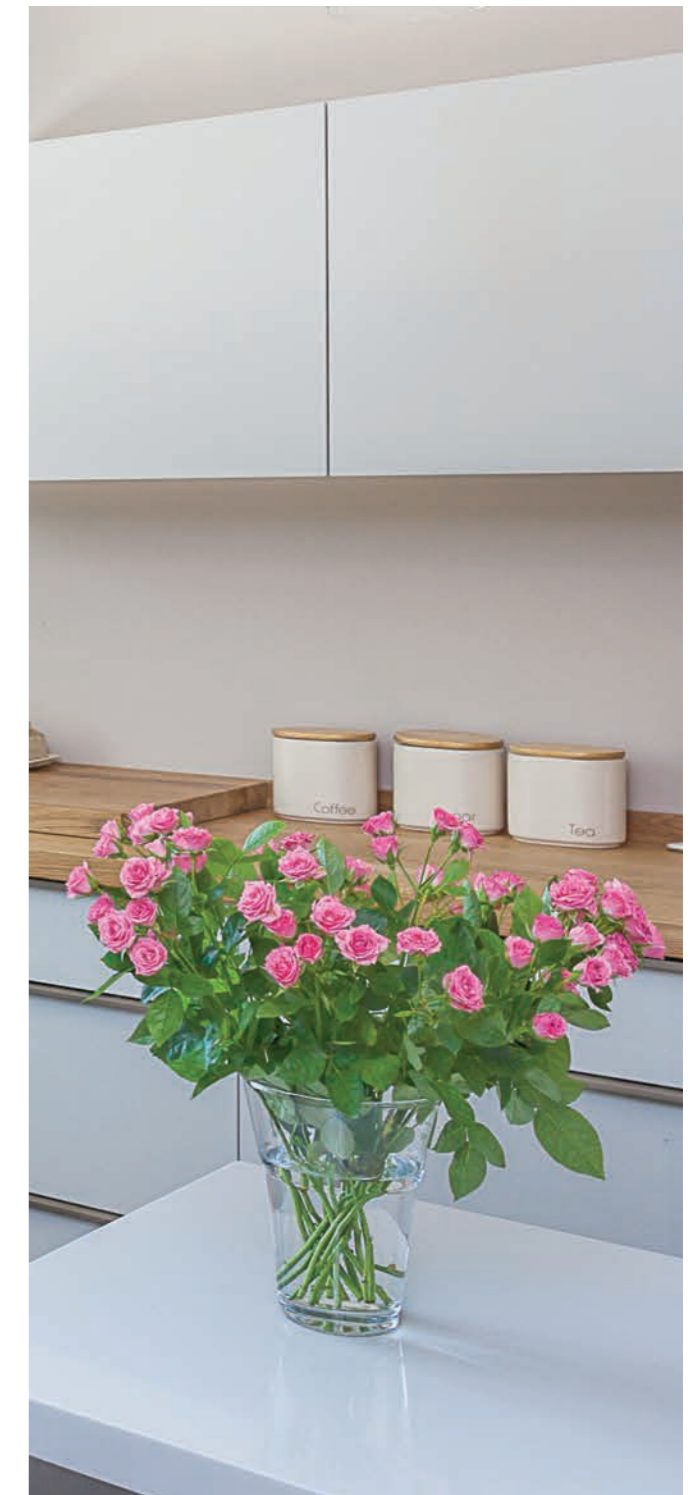
### Storage

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
Filli Boya Ultra Acrylic Glossy Paint	100 PORTIONS	100 PORTIONS
Filli Boya Ultra Acrylic Paint Hardener	50 PORTIONS	160 PORTIONS
Filli Boya Ultra Acrylic Thinner	40-45 PORTIONS	45-50 PORTIONS



1.Component: FILACRYL UB 210.09  
2.Component: FILACRYL US 210.00







**SUPER**  
PRODUCT  
GROUP



# Super Polyurethane Filling Varnish

## Product Definition

Two-component filling varnish with a clear structure which can be sanded quickly alongside its very good filling 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 <sup>3</sup>
Package Viscosity	105+5" (20°C, DIN6)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	47+1%
Pot Life	3 hours

## Application Suggestions

Area of application should be cleared from all kind of oils, dirt and dust. 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 3 layers application
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 gr/m <sup>2</sup>

## Time to Dry

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

## Consumption

8-10 m<sup>2</sup> area can be coated (excluding losses) with a single layer depending on the surface and application method with 1 kg of Filli Boya Super Polyurethane Filling 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
Filli Boya Super Polyurethane Filling Varnish	100 PORTIONS	100 PORTIONS
Filli Boya Super Polyurethane Varnish Hardener	50 PORTIONS	50 PORTIONS
Filli Boya Super Polyurethane Thinner	25-30 PORTIONS	25-30 PORTIONS



1.Component: FILADUR UD 210.00  
2.Component: FILADUR SDS 210.00



# Super Polyurethane Filling Varnish 925

## Product Definition

Two-component filling varnish with a clear structure which can be sanded quickly alongside its very good filling 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	1.05+0.03 g/cm <sup>3</sup>
Package Viscosity	120+5 KU (25°C)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	54±1%
Pot Life	3 hours

## Application Suggestions

Applied on Filli Boya Polyurethane or Polyester Filling is 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 Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 gr/m <sup>2</sup>

## Time to Dry

Dry to Touch	5 min.
Rough Sanding	40 min.
Time for Sanding	16 hours

## Consumption

8-10 m<sup>2</sup> area can be coated (excluding losses) with a single layer depending on the surface and application method with 1 kg of Filli Boya Super Polyurethane 925 Filling 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
Filli Boya Super Polyurethane 925 Filling Varnish	100 PORTIONS	100 PORTIONS
Filli Boya Super Polyurethane Varnish Hardener	50 PORTIONS	160 PORTIONS
Filli Boya Super Polyurethane Thinner	25-30 PORTIONS	25-30 PORTIONS



1.Component: FILADUR UD 210.10  
2.Component: FILADUR SDS 210.10





## Super Polyurethane Primer White

### Product Definition

Two-component primer with high filling strength and covering which is easy to sand.

### Places of Use

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

### Technical Specifications

Density	1.55-0.03 g/cm <sup>3</sup>
Package Viscosity	120-130 KU (25°C)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	72±1%
Pot Life	6 hours

### Application Suggestions

Area of application should be cleared from dust, dirt and oils. Recommended to be applied for 2-3 layers. You should wait 10-15 minutes between layers. 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 air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 g/m <sup>2</sup>

### Time to Dry

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

### Consumption

8-10 m<sup>2</sup> area can be coated (excluding losses) with a single layer depending on the surface and application method with 1 kg of Filli Boya Super New Polyurethane 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
Filli Boya Super Polyurethane Primer	100 PORTIONS	100 PORTIONS
Filli Boya Super Polyurethane Primer Hardener	33 PORTIONS	50 PORTIONS
Filli Boya Super Cellulosic Thinner	15 PORTIONS	20-25 PORTIONS



1.Component: FILADUR SA 310.00  
2.Component: FILADUR SAS 310.00



## Super Polyurethane MDF Primer White

### Product Definition

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

### Places of Use

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

### Technical Specifications

Density	1.50+0.03 g/cm <sup>3</sup>
Package Viscosity	120-130 KU (25°C)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	78±1 %
Pot Life	5-8 hours

### Application Suggestions

Area of application should be cleared from dust, dirt and oils. Recommended to be applied for 2-3 layers. You should wait 10-15 minutes between layers. 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 air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 g/m <sup>2</sup>

### Time to Dry

Dry to Touch	15 min.
Time for Rough Sanding	1 hour
Time for Sanding	18 hours

### Consumption

8-10 m<sup>2</sup> area can be coated (excluding losses) with a single layer depending on the surface and application method with 1 kg of Filli Boya Super Polyurethane Mdf 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
Filli Boya Super Polyurethane Mdf Primer	100 PORTIONS	100 PORTIONS
Filli Boya Super Polyurethane Mdf Primer Hardener	33 PORTIONS	50 PORTIONS
Filli Boya Super Cellulosic Thinner	20-25 PORTIONS	25-30 PORTIONS



1.Component: FILADUR SA 310.10  
2.Component: FILADUR SAS 310.10





## Super 10+1 Acrylic Filling Varnish

### Product Definition

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

### Places of Use

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

### Technical Specifications

Density	0.94-0.03 g/cm <sup>3</sup>
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

Area of application should be cleared from oils and dirt and well sanded. 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	14-16 s. (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	250-300 gr/m <sup>2</sup>

### Time to Dry

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

### Consumption

10-12 m<sup>2</sup> area can be coated 2-3 layers depending on surface application conditions with 1 kg of Filli Boya Super Acrylic Filling 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
Filli Boya Super Acrylic Filling Varnish	100 PORTIONS	100 PORTIONS
Filli Boya Super Acrylic Filling Varnish Hardener	10 PORTIONS	10 PORTIONS
Filli Boya Super Acrylic Thinner	100 PORTIONS	100 PORTIONS



1.Component: FILACRYL SD 101.00  
2.Component: FILACRYL SS 101.00



## Super 2+1 Acrylic Glossy Varnish

### Product Definition

Acrylic resin based two-component top coat glossy varnish. Bring a glossy 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 Filli Boya Acrylic Filling Varnish was applied to ensure protection and to obtain a decorative look.

### Technical Specifications

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

### Application Suggestions

Applied on Filli Boya Acrylic Filling 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	300-350 gr/m <sup>2</sup>

### Time to Dry

Dry to Touch	30 min.
Dry to Stack	36 hours
Time to Wax Polish	48 hours

### Consumption

10-12 m<sup>2</sup> area can be coated 2-3 layers depending on surface application conditions with 1 kg of Filli Boya Super Acrylic Glossy 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
Filli Boya Super Acrylic Glossy Varnish	100 PORTIONS	100 PORTIONS
Filli Boya Super Acrylic Varnish Hardener	50 PORTIONS	50 PORTIONS
Filli Boya Super Acrylic Thinner	50 PORTIONS	55 PORTIONS



1.Component: FILACRYL SV 210.09  
2.Component: FILACRYL SS 210.00

GLOSSY





## Super 10+1 Acrylic Matt Varnishes

### Product Definition

Acrylic resin based two-component 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 Filli Boya Acrylic Filling was applied to ensure protection and to obtain a decorative look.

### Technical Specifications

Density	0.96-0.03 g/cm <sup>3</sup>
Package Viscosity	95+4 (20°C, DIN4)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	46±1 %
Gloss Level	10-15 gloss
Pot Life	>6 hours

### Application Suggestions

Applied on Filli Boya Acrylic Filling 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 <sup>2</sup>

### Time to Dry

Dry to Touch	20 min.
Dry to Stack	24 hours

### Consumption

10-12 m<sup>2</sup> area can be painted 2-3 layers depending on surface application conditions with 1 kg of Filli Boya Super Acrylic 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
Filli Boya Super Acrylic Matt-10 Varnish	100 PORTIONS	100 PORTIONS
Filli Boya Super Acrylic Varnish Hardener	10 PORTIONS	12 PORTIONS
Filli Boya Super Acrylic Thinner	100 PORTIONS	110 PORTIONS



FILACRYL  
SV 101.01

### Semi Matt Varnish

40-45

MATT-40

### Matt Varnish

10-15

MATT-10

1.Component: FILACRYL SV 101.05  
2.Component: FILACRYL SS 101.00

## Super Polyurethane Scratch-Proof Matt Varnishes

### 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 Filli Boya Polyurethane or Polyester Filling was applied to ensure protection and to obtain a decorative look.

### Technical Specifications

Density	0.98-0.03 g/cm <sup>3</sup>
Package Viscosity	55-65" (20°C, DIN6)
Application Viscosity	30-40" (20°C, DIN4)
Solid Matter Amount (by weight)	38±1%
Gloss Level	10-15 gloss
Pot Life	4 hours

### Application Suggestions

Applied on Filli Boya Polyurethane or Polyester Filling is 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 Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	180 - 220 gr/m <sup>2</sup>

### Time to Dry

Dry to Touch	45 min.
Dry to Stack	24 hours

### Consumption

10-12 m<sup>2</sup> area can be painted 2-3 layers depending on surface application conditions with 1 kg of Filli Boya Super 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
Filli Boya Super Polyurethane Matt-10 Varnish	100 PORTIONS	100 PORTIONS
Filli Boya Super Polyurethane Varnish Hardener	65 PORTIONS	50 PORTIONS
Filli Boya Super Polyurethane Thinner	100 PORTIONS	100 PORTIONS



### Semi Matt Varnish

45-50

MATT-40

1.Component: FILADUR SV 210.05  
2.Component: FILADUR SDS 210.00

### Special Matt Varnish

25-30

MATT-25

1.Component: FILADUR SV 210.03  
2.Component: FILADUR SDS 210.00

### Matt Varnish

10-15

MATT-10

1.Component: FILADUR SV 210.01  
2.Component: FILADUR SDS 210.00



# Super Polyurethane Glossy Varnish

## Product Definition

Two-component top coat glossy 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 Filli Boya Polyurethane or Polyester Filling was applied to ensure protection and to obtain a decorative look.

## Technical Specifications

Density	1.00+0.03 g/cm <sup>3</sup>
Package Viscosity	25+3" (20°C, DIN4)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	53±1%
Pot Life	10 hours (22°C)

## Application Suggestions

Applied on Filli Boya Polyurethane or Polyester Filling is 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 Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	total 300 - 350 gr/m <sup>2</sup>

## Time to Dry

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

## Consumption

10-12 m<sup>2</sup> area can be painted 2-3 layers depending on surface application conditions with 1 kg of Filli Boya Super Polyurethane Glossy 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
Filli Boya Super Polyurethane Glossy Varnish	100 PORTIONS	100 PORTIONS
Filli Boya Super Polyurethane Varnish Hardener	100 PORTIONS	100 PORTIONS
Filli Boya Super Polyurethane Thinner	10 PORTIONS	12 PORTIONS



1.Component: FILADUR SV 110.09  
2.Component: FILADUR SDS 110.00



GLOSSY



# Super Polyurethane Technik Lack

## 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 Filli Boya Polyurethane or Polyester Filling was applied to ensure protection and to obtain a decorative look.

## Technical Specifications

Density	1.00+0.03 g/cm <sup>3</sup>
Package Viscosity	70-80" (20°C, DIN4)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	35±1%
Gloss Level	10-15 gloss
Pot Life	>8 hours

## Application Suggestions

Applied on Filli Boya Polyurethane or Polyester Filling is 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. 13-15" (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	180 - 220 gr/m <sup>2</sup>

## Time to Dry

Dry to Touch	60 min.
Dry to Stack	24 hours

## Consumption

10-12 m<sup>2</sup> area can be painted 2-3 layers depending on surface application conditions with 1 kg of Filli Boya Super Polyurethane Technik 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
Filli Boya Super Polyurethane Technik Lack Matt-10	100 PORTIONS	100 PORTIONS
Filli Boya Super Polyurethane Technik Lack Hardener	25 PORTIONS	25 PORTIONS
Filli Boya Super Polyurethane Thinner	100 PORTIONS	100 PORTIONS



## Semi Matt

45-50

1.Component: FILADUR SV 410.15  
2.Component: FILADUR SDS 410.10

MATT-40

## Special Matt

25-30

1.Component: FILADUR SV 410.13  
2.Component: FILADUR SDS 410.10

MATT-25

## Matt

10-15

1.Component: FILADUR SV 410.11  
2.Component: FILADUR SDS 410.10

MATT-10



# Super Polyurethane Matt Varnishes

## 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 Filli Boya Polyurethane or Polyester Filling was applied to ensure protection and to obtain a decorative look.

## Technical Specifications

Density	0.95-0.03 g/cm <sup>3</sup>
Package Viscosity	55-65" (20°C, DIN6)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	42±1%
Gloss Level	10-15 gloss
Pot Life	4 hours

## Application Suggestions

Applied on Filli Boya Polyurethane or Polyester Filling is 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 Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	total 300 - 350 gr/m <sup>2</sup>

## Time to Dry

Dry to Touch	30 min.
Dry to Stack	24 hours

## Consumption

10-12 m<sup>2</sup> area can be coated 2-3 layers depending on surface application conditions with 1 kg of Filli Boya Super 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
Filli Boya Super Polyurethane Matt Varnish	100 PORTIONS	100 PORTIONS
Filli Boya Super Polyurethane Varnish Hardener	25 PORTIONS	25 PORTIONS
Filli Boya Super Polyurethane Thinner	100 PORTIONS	100 PORTIONS



### Extra Semi Matt Varnish

60-65

1.Component: FILADUR SV 410.07  
2.Component: FILADUR SDS 410.00

MATT-60

### Semi Matt Varnish

40-45

1.Component: FILADUR SV 410.07  
2.Component: FILADUR SDS 410.00

MATT-40

### Special Matt Varnish

25-30

1.Component: FILADUR SV 410.03  
2.Component: FILADUR SDS 410.00

MATT-25

### Matt Varnish

10-15

1.Component: FILADUR SV 410.01  
2.Component: FILADUR SDS 410.00

MATT-10





# Super Polyurethane H.00 Glossy Paint

## Product Definition

Two-component top coat glossy paint with high covering and filling performances 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, chipboard, solid, wooden and coated surfaces indoors on which Filli Boya Polyurethane or Polyester Primer was applied to ensure protection and to obtain a decorative look.

## Technical Specifications

Density	1.30+0.03g/cm <sup>3</sup>
Package Viscosity	80-90 s. (20°C, DIN4)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	66±1 %
Pot Life	8 hours (22°C)

## Application Suggestions

Applied on Filli Boya Polyurethane or Polyester Primer is 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 Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	total 300 - 350 gr/m <sup>2</sup> in 3 layers

## Time to Dry

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

## Consumption

10-12 m<sup>2</sup> area can be painted as a single layer depending on surface application conditions with 1 kg of Filli Boya Super Polyurethane H.00 Glossy 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
Filli Boya Super Polyurethane H.00 Glossy White Paint	100 PORTIONS	100 PORTIONS
Filli Boya Super Polyurethane Paint New Hardener	50 PORTIONS	62.5 PORTIONS
Filli Boya Super Polyurethane Thinner	30 PORTIONS	30 PORTIONS



## Glossy Paint

1.Component: FILADUR SB 210.09  
2.Component: FILADUR SBS 210.00

GLOSSY



# Super Polyurethane Matt Paint

## Product Definition

Polyurethane based two-component top coat paint with high resistance against turning pale and high covering which displays good spreading characteristics on the surface of application.

## Places of Use

Top coat paint applied on MDF, chipboard, solid, wooden and coated surfaces indoors on which Filli Boya Polyurethane or Polyester Primer was applied to ensure protection and to obtain a decorative look.

## Technical Specifications

Density	1.40-0.03 g/cm <sup>3</sup>
Package Viscosity	85-95 s. (20°C, DIN6)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	70±1%
Mixture Life	>8 hours
Gloss Level	10-15 gloss

## Application Suggestions

Applied on Filli Boya Polyurethane or Polyester Primer is 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	13-15 s. 13-15" (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	total 200 - 250 gr/m <sup>2</sup> in 2 layers

## Time to Dry

Dry to Touch	15 min.
Dry to Stack	24 hours

## Consumption

10-12 m<sup>2</sup> area can be painted as a single layer depending on surface application conditions with 1 kg of Filli Boya Super Polyurethane Matt-10 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
Filli Boya Super Polyurethane Matt-10 Paint	100 PORTIONS	100 PORTIONS
Filli Boya Super Polyurethane Paint Hardener	50 PORTIONS	62.5 PORTIONS
Filli Boya Super Polyurethane Thinner	25-30 PORTIONS	30-35 PORTIONS



FILADUR SB 210.01

## Semi Matt Paint

40-45

MATT-40

## Special Matt

25-30

MATT-25

## Matt Paint

10-15

MATT-10



## Super 2+1 Acrylic Glossy Paint

### Product Definition

Acrylic resin based two-component top coat glossy paint. Bring a glossy 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, wooden and coated surfaces indoors on which Filli Boya Acrylic Primer was applied to ensure protection and to obtain a decorative look.

### Technical Specifications

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

### Application Suggestions

Applied on Filli Boya 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	300-350 gr/m <sup>2</sup>

### Time to Dry

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

### Consumption

10-12 m<sup>2</sup> area can be painted 2-3 layers depending on surface application conditions with 1 kg of Filli Boya Super Acrylic Glossy 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
Filli Boya Super Acrylic Glossy Paint	100 PORTIONS	100 PORTIONS
Filli Boya Super Acrylic Paint Hardener	50 PORTIONS	35 PORTIONS
Filli Boya Super Acrylic Thinner	40 PORTIONS	40 PORTIONS



1.Component: FILACRYL SB 210.09  
2.Component: FILACRYL SS 210.00

GLOSSY



## Super 10+1 Acrylic Matt Paints

### 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 varnish applied on MDF, wooden and coated surfaces indoors on which Filli Boya Acrylic Primer was applied to ensure protection and to obtain a decorative look.

### Technical Specifications

Density	1.14+0.03 g/cm <sup>3</sup>
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 Filli Boya 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 <sup>2</sup>

### Time to Dry

Dry to Touch	25 min.
Dry to Stack	36 hours

### Consumption

10-12 m<sup>2</sup> area can be painted 2-3 layers depending on surface application conditions with 1 kg of Filli Boya Super Acrylic 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	By Volume
Filli Boya Super Acrylic Matt-10 Varnish	100 PORTIONS	100 PORTIONS
Filli Boya Super Acrylic Varnish Hardener	10 PORTIONS	12 PORTIONS
Filli Boya Super Acrylic Thinner	55 PORTIONS	60 PORTIONS



### Semi Matt Paint

40-45

1.Component: FILACRYL SB 101.05  
2.Component: FILACRYL SS 101.00

MATT-40

### Matt Paint

10-15

1.Component: FILACRYL SB 101.01  
2.Component: FILACRYL SS 101.00

MATT-10



## Super Cellulosic Filling Varnish

### Product Definition

Quick drying and easy sanded filling varnish with high filling 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 <sup>3</sup>
Package Viscosity	60-70" (20°C, DIN6)
Application Viscosity	15-17" (20°C, DIN4)
Solid Matter Amount (by weight)	36±1 %

### Application Suggestions

You should wait 10-15 minutes between layers.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	total 250 - 300 gr/m <sup>2</sup> in 3 layers

### Time to Dry

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

### Consumption

8-10 m<sup>2</sup> area can be painted as a single layer depending on surface application conditions with 1 kg of Filli Boya Super Cellulosic Filling 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
Filli Boya Super Cellulosic Filling Varnish	100 PORTIONS	100 PORTIONS
Filli Boya Super Cellulosic Thinner	110 PORTIONS	130 PORTIONS



FILASEL SD 000.00



## Super Cellulosic Primer White

### Product Definition

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

### Places of Use

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

### Technical Specifications

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

### Application Suggestions

Area of application should be cleared from dust, dirt and oils. Recommended to be applied for 2-3 layers. You should wait 10-15 minutes between layers. 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 air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	250-300 g/m <sup>2</sup>

### Time to Dry

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

### Consumption

8-10 m<sup>2</sup> area can be coated (excluding losses) with a single layer depending on the surface and application method with 1 kg of Filli Boya Super 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	By Volume
Filli Boya Super Cellulosic Primer	100 PORTIONS	100 PORTIONS
Filli Boya Super Cellulosic Thinner	100 PORTIONS	100 PORTIONS



White, Black, Brown

FILASEL SA 000.00





## Super Cellulosic Top Coat Varnishes

### Product Definition

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

### Places of Use

Applied on chipboard, solid, wooden surfaces indoors on which Filli Boya Cellulosic Filling Varnish was applied to ensure protection and to obtain a decorative look.

### Technical Specifications

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

### Application Suggestions

You should wait 10-15 minutes between layers.

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	150-200 gr/m <sup>2</sup>

### Time to Dry

Dry to Touch	10 min.
Dry to Stack	12 hours

### Consumption

10-12 m<sup>2</sup> area can be coated as a single layer depending on surface application conditions with 1 kg of Filli Boya Super Cellulosic Glossy 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
Filli Boya Super Cellulosic Glossy Varnish	100 PORTIONS	100 PORTIONS
Filli Boya Super Cellulosic Thinner	100 PORTIONS	120 PORTIONS



### Glossy Varnish

FILASEL SV 000.09

GLOSSY

### Semi Matt Varnish

FILASEL SV 000.05

MATT-40

### Matt Varnish

FILASEL SV 000.01

MATT-10

## Super Cellulosic Glossy Paint

### Product Definition

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

### Places of Use

Applied on MDF, chipboard, solid, wooden surfaces indoors on which Filli Boya Cellulosic Primer was applied to ensure protection and to obtain a decorative look.

### Technical Specifications

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

### Application Suggestions

You should wait 10-15 minutes between layers.

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	total 250 - 300 gr/m <sup>2</sup> in 3 layers

### Time to Dry

Dry to Touch	15 min.
Dry to Stack	12 hours

### Consumption

10-12 m<sup>2</sup> area can be painted as a single layer depending on surface application conditions with 1 kg of Filli Boya Super Cellulosic Glossy 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
Filli Boya Super Cellulosic Glossy Paint	100 PORTIONS	87 PORTIONS
Filli Boya Super Cellulosic Thinner	110 PORTIONS	120 PORTIONS



GLOSSY

### 1. Group

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

### 2. Group

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

### 3. Group

Orange, Claret Red, Chrome Yellow  
FILASEL SB 000.09

## Super Cellulosic Matt Paint

Black, White  
FILASEL SB 000.01

MATT-10



# Super Polyester Filling Varnish

## Product Definition

Unsaturated polyester based filling varnish with high filling strength which prepares an easy sanded and smooth surface for varnishes to 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 with high saturation for top coat varnishes.

## Technical Specifications

Density	1.05-0.03 g/cm <sup>3</sup>
Package Viscosity	70-75" (20°C, DIN4)
Application Viscosity	20-25" (20°C, DIN4)
KKM	59±1 %
Mixture Life	3 hours

## Application Suggestions

Area of application should be cleared from dust, dirt and oils. Recommended to be applied for 2-3 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	300-350 g/m <sup>2</sup>

## Time to Dry

Time for Sanding	16 hours
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## Consumption

6-8 m<sup>2</sup> area can be coated (excluding losses) with a single layer depending on the surface and application method with 1 kg of Filli Boya Super Polyester Filling. 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
Filli Boya Super Polyester Filling Varnish	100 Portions
Filli Boya Super Polyester Accelerant	2.5 Portions
Filli Boya Super Polyester Hardener	2.5 Portions
Filli Boya Super Cellulosic Thinner	20-25 Portions



1.Component: FILAPOL SD 10X.00  
2.Component: FILAPOL SDC 10X.00  
3.Component: FILAPOL SDS 10X.00



# Super Polyester Primer White

## Product Definition

Unsaturated polyester based primer with high filling strength which prepares an easy sanded and smooth surface for top coat paints to applied upon.

## Places of Use

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

## Technical Specifications

Density	1.55-0.03 g/cm <sup>3</sup>
Package Viscosity	95-100 KU (25°C)
Application Viscosity	20-25" (20°C, DIN4)
KKM	80±1 %
Mixture Life	3 hours

## Application Suggestions

Area of application should be cleared from dust, dirt and oils. Recommended to be applied for 2-3 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 <sup>2</sup>

## Time to Dry

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

Time for Sanding	16 hours
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## Consumption

6-8 m<sup>2</sup> area can be coated (excluding losses) with a single layer depending on the surface and application method with 1 kg of Filli Boya Super Polyester 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
Filli Boya Super Polyester Filling Varnish	100 Portions
Filli Boya Super Polyester Accelerant	2.5 Portions
Filli Boya Super Polyester Hardener	2.5 Portions
Filli Boya Super Cellulosic Thinner	20-25 Portions



1.Component: FILAPOL SA 10X.00  
2.Component: FILAPOL SDC 10X.00  
3.Component: FILAPOL SDS 10X.00





# Capacolor Universal Wood Colorant

## Product Definition

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

## Places of Use

Used prior to filling varnish on all kinds of woods indoors. Also used in Cellulosic and Polyurethane varnishes for coloring.

## Technical Specifications

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

## Application Suggestions

Can be applied before coating and filling varnish for solid surfaces were applied with spray, dipping and patina as diluted 1/1, 1/3 with water or solvent. Can be used by adding to Polyurethane and Cellulosic Filling Varnishes by 2-3%.

## Time to Dry

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.

## Flash

>23°C



## 1. Group

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

## 2. Group

Antique, White

1.Component: FILASENT SR 000.00







**FINE**  
PRODUCT  
GROUP



## Fine Polyurethane Filling Varnish

### Product Definition

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

### Places of Use

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

### Technical Specifications

Density	1.00+0.03 g/cm <sup>3</sup>
Package Viscosity	110-120 (20°C DIN4)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	51±1 %
Pot Life	3 hours (20°C)

### Application Suggestions

Area of application should be cleared from dust, dirt and oils. Recommended to be applied for 2-3 layers. You should wait 10-15 minutes between layers. 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 air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 g/m <sup>2</sup>

### Time to Dry

Dry to Touch	5 min.
Time for Rough Sanding	40 minutes
Time for Sanding	16 hours

### Consumption

8-10 m<sup>2</sup> area can be coated (excluding losses) with a single layer depending on the surface and application method with 1 kg of Filli Boya Fine Polyurethane Filling 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
Filli Boya Fine Polyurethane Filling	100 PORTIONS	100 PORTIONS
Filli Boya Fine Polyurethane Filling Hardener	50 PORTIONS	50 PORTIONS
Filli Boya Fine Cellulosic Thinner	25 PORTIONS	25 PORTIONS



1.Component: FILADUR FD 210.00  
2.Component: FILADUR FDS 210.00



## Fine Polyurethane Filling Varnish Express

### Product Definition

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

### Places of Use

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

### Technical Specifications

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

### Application Suggestions

Area of application should be cleared from dust, dirt and oils. Recommended to be applied for 2-3 layers. You should wait 1 hour between layers. 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 air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 g/m <sup>2</sup>

### Time to Dry

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

### Consumption

8-10 m<sup>2</sup> area can be coated (excluding losses) with a single layer depending on the surface and application method with 1 kg of Filli Boya Fine Polyurethane Filling 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
Filli Boya Fine Polyurethane Filling Express	100 PORTIONS	100 PORTIONS
Filli Boya Fine Polyurethane Filling Hardener	50 PORTIONS	50 PORTIONS
Filli Boya Fine Cellulosic Thinner	20-25 PORTIONS	25-30 PORTIONS



1.Component: FILADUR FA 310.00  
2.Component: FILADUR FAS 310.00





# Fine Polyurethane Primer White

## Product Definition

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

## Places of Use

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

## Technical Specifications

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

## Application Suggestions

Area of application should be cleared from dust, dirt and oils. Recommended to be applied for 2-3 layers. You should wait 10-15 minutes between layers. 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 air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 g/m <sup>2</sup>

## Time to Dry

Dry to Touch	15 min.
Time for Rough Sanding	1 hour
Time for Sanding	18 hours

## Consumption

8-10 m<sup>2</sup> area can be coated (excluding losses) with a single layer depending on the surface and application method with 1 kg of Filli Boya Fine Polyurethane 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
Filli Boya Fine Polyurethane Primer	100 PORTIONS	100 PORTIONS
Filli Boya Fine Polyurethane Primer Hardener	33 PORTIONS	50 PORTIONS
Filli Boya Fine Cellulosic Thinner	20-25 PORTIONS	25-30 PORTIONS



1.Component: FILADUR FA 310.00  
2.Component: FILADUR FAS 310.00





# Fine Polyurethane Glossy Varnish Extra

## Product Definition

Polyurethane based two-component top coat glossy 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 Filli Boya Polyurethane or Polyester Filling was applied to ensure protection and to obtain a decorative look.

## Technical Specifications

Density	1.00+0.03 g/cm <sup>3</sup>
Package Viscosity	50-60" (20°C, DIN4)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	49±1%
Pot Life	8 hours

## Application Suggestions

Applied on Filli Boya Polyurethane or Polyester Filling is 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	300-350 gr/m <sup>2</sup>

## Time to Dry

Dry to Touch	60 min.
Dry to Stack	24 hours
Time to Wax Polish	36 hours

## Consumption

10-12 m<sup>2</sup> area can be coated 2-3 layers depending on surface application conditions with 1 kg of Filli Boya Fine Polyurethane Extra Glossy 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
Filli Boya Fine Polyurethane Extra Glossy Varnish	100 PORTIONS	100 PORTIONS
Filli Boya Fine Polyurethane Varnish Hardener	50 PORTIONS	50 PORTIONS
Filli Boya Fine Polyurethane Thinner	40 PORTIONS	40 PORTIONS



GLOSSY

1.Component: FILADUR FV 210.09  
2.Component: FILADUR FVS 210.00



# Fine Polyurethane Glossy Varnish

## Product Definition

Polyurethane based two-component top coat glossy 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 Filli Boya Polyurethane or Polyester Filling was applied to ensure protection and to obtain a decorative look.

## Technical Specifications

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

## Application Suggestions

Applied on Filli Boya Polyurethane or Polyester Filling is 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. 13-15" (20°C, DIN4)
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 gr/m <sup>2</sup>

## Time to Dry

Dry to Touch	60 min.
Dry to Stack	24 hours
Time to Wax Polish	36 hours

## Consumption

10-12 m<sup>2</sup> area can be coated 2-3 layers depending on surface application conditions with 1 kg of Filli Boya Fine Polyurethane Glossy 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
Filli Boya Fine Polyurethane Glossy Varnish	100 PORTIONS	100 PORTIONS
Filli Boya Fine Polyurethane Varnish Hardener	100 PORTIONS	100 PORTIONS
Filli Boya Fine Polyurethane Thinner	5-8 PORTIONS	5-8 PORTIONS



GLOSSY

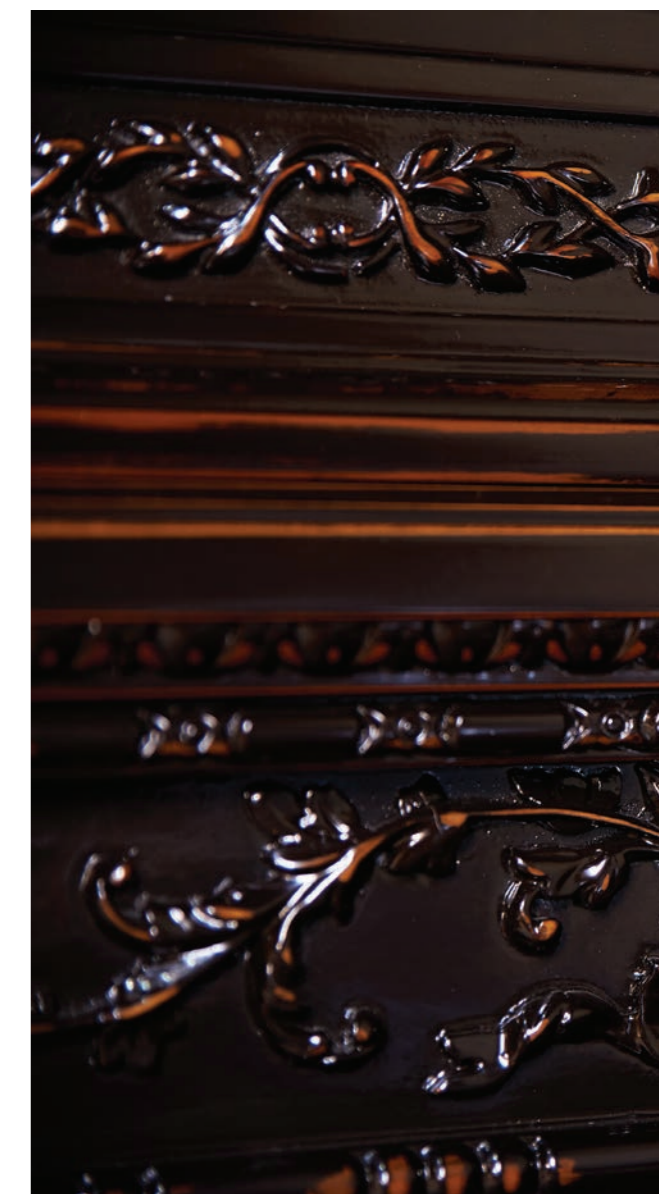
MATT-40

MATT-60

MATT-10

MATT-25

1.Component: FILADUR FV 110.09  
2.Component: FILADUR FVS 110.00





# Fine Polyurethane Matt Varnishes

## 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 Filli Boya Polyurethane or Polyester Filling was applied to ensure protection and to obtain a decorative look.

## Technical Specifications

Density	1.00+0.03 g/cm <sup>3</sup>
Package Viscosity	13-140" (20°C, DIN6)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	40±1%
Gloss Level	10-15 gloss
Pot Life	4 hours

## Application Suggestions

Applied on Filli Boya Polyurethane or Polyester Filling is 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 Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	180 - 220 gr/m <sup>2</sup>

## Time to Dry

Powder Drying	30 min
Dry to Touch	60 min.
Dry to Stack	24 hours

## Consumption

10-12 m<sup>2</sup> area can be coated 2-3 layers depending on surface application conditions with 1 kg of Filli Boya Fine 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
Filli Boya Fine Polyurethane Matt-10 Varnish	100 PORTIONS	100 PORTIONS
Filli Boya Fine Polyurethane Varnish Hardener	25 PORTIONS	25 PORTIONS
Filli Boya Fine Polyurethane Thinner	100 PORTIONS	100 PORTIONS



## Semi Matt Varnish

40-45

1.Component: FILADUR FV 410.05  
2.Component: FILADUR FVS 410.00

MATT-40

## Special Matt Varnish

25-30

1.Component: FILADUR FV 410.03  
2.Component: FILADUR FVS 410.00

MATT-25

## Matt Varnish

10-15

1.Component: FILADUR FV 410.01  
2.Component: FILADUR FVS 410.00

MATT-10





# Fine 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 <sup>3</sup>
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 (22°C)
Gloss	30-35 gloss

## Application Suggestions

Applied on Filli Boya 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. You should wait 10-15 minutes between layers.

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 <sup>2</sup>

## Time to Dry

Dry to Touch	20 min.
Dry to Stack	24 hours

## Consumption

10-12 m<sup>2</sup> area can be coated (excluding losses) with a single layer depending on the surface and application method with 1 kg of Filli Boya Fine 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
Filli Boya Fine Polyurethane Panel Door Paint	100 PORTIONS	100 PORTIONS
Filli Boya Fine Polyurethane Paint Hardener	25 PORTIONS	17 PORTIONS
Filli Boya Fine Polyurethane Thinner	20-25 PORTIONS	23 PORTIONS

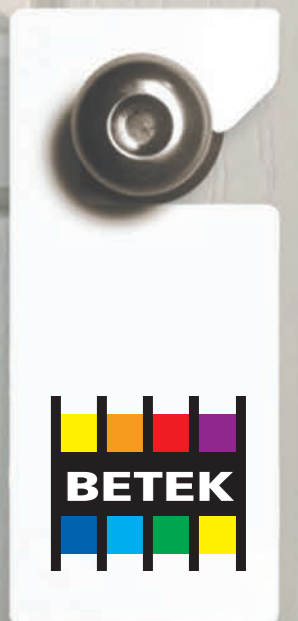


1. Component: FILADUR FK 410.05  
2. Component: FILADUR FKS 410.00



# This quality opens every door for you.

The cutting-edge technology furniture paints developed at expert R&D of Filli Boya strengthen your business with its perfect quality and price balance. Prefer Fine Polyurethane Panel Door Paint to further improve your quality.





## Fine Polyurethane 4+1 Paint White

### Product Definition

Two-component top coat matt 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, chipboard, solid, wooden surfaces indoors on which Filli Boya Polyurethane or Polyester Primer was applied to ensure protection and to obtain a decorative look.

### Technical Specifications

Density	1.30+0.03 g/cm <sup>3</sup>
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 (22°C)

### Application Suggestions

Applied on Filli Boya Polyurethane or Polyester Primer is 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	200-250 gr/m <sup>2</sup>

### Time to Dry

Dry to Touch	20 min.
Dry to Stack	24 hours

### Consumption

10-12 m<sup>2</sup> area can be coated (excluding losses) with a single layer depending on the surface and application method with 1 kg of Filli Boya Fine Polyurethane 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	By Volume
Filli Boya Fine Polyurethane Matt-10 Paint	100 PORTIONS	100 PORTIONS
Filli Boya Fine Polyurethane Matt Paint Hardener	25 PORTIONS	25 PORTIONS
Filli Boya Fine Polyurethane Thinner	30-35 PORTIONS	30-35 PORTIONS



GLOSSY

### Semi Matt Paint

40-45

1.Component: FILADUR FB 410.05  
2.Component: FILADUR FBS 410.00

### Matt Paint

10-15

1.Component: FILADUR FB 410.01  
2.Component: FILADUR FBS 410.00

MATT-40

MATT-10

## Fine Polyurethane Glossy Paint White

### Product Definition

Two-component top coat glossy 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, chipboard, solid, wooden and coated surfaces indoors on which Filli Boya Polyurethane or Polyester Primer was applied to ensure protection and to obtain a decorative look.

### Technical Specifications

Density	1.25+0.03 g/cm <sup>3</sup>
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 (22°C)

### Application Suggestions

Applied on Filli Boya Polyurethane or Polyester Primer is 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 <sup>2</sup>

### Time to Dry

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

### Consumption

10-12 m<sup>2</sup> area can be coated (excluding losses) with a single layer depending on the surface and application method with 1 kg of Filli Boya Fine Polyurethane Glossy 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
Filli Boya Fine Polyurethane Glossy Paint	100 PORTIONS	100 PORTIONS
Filli Boya Fine Polyurethane Paint Hardener	50 PORTIONS	65 PORTIONS
Filli Boya Fine Polyurethane Thinner	20-25 PORTIONS	25-30 PORTIONS



GLOSSY

1.Component: FILADUR FB 210.09  
2.Component: FILADUR FBS 210.00





## Fine Cellulosic Filling Varnish

### Product Definition

Quick drying and easy sanded filling varnish with high filling 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.



FILASEL FD 000.00

### Technical Specifications

Density	0.95+0.03 g/cm <sup>3</sup>
Package Viscosity	40-50" (D6) (25°C)
Application Viscosity	15-17" (20°C, DIN4)
Solid Matter Amount (by weight)	76±1 %
Pot Life	3-4 hours

### Application Suggestions

You should wait 10-15 minutes between layers.

Application Method	Air spray or air mix air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	total 250 - 300 gr/m <sup>2</sup> in 3 layers

### Time to Dry

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

### Consumption

8 -10 m<sup>2</sup> area can be painted as a single layer depending on surface application conditions with 1 kg of Filli Boya Super Cellulosic Filling 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
Filli Boya Fine Cellulosic Filling Varnish	100 PORTIONS	100 PORTIONS
Filli Boya Fine Cellulosic Thinner	100 PORTIONS	120 PORTIONS



## Fine Cellulosic Primer White

### Product Definition

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

### Places of Use

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



FILASEL FA 000.00

### Technical Specifications

Density	1.55+0.03 g/cm <sup>3</sup>
Package Viscosity	125-130 (KU) (25°C)
Application Viscosity	14-16" (20°C, DIN4)
Solid Matter Amount (by weight)	75±1 %

### Application Suggestions

Area of application should be cleared from dust, dirt and oils. Recommended to be applied for 2-3 layers. You should wait 10-15 minutes between layers. 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 air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	300-350 g/m <sup>2</sup>

### Time to Dry

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

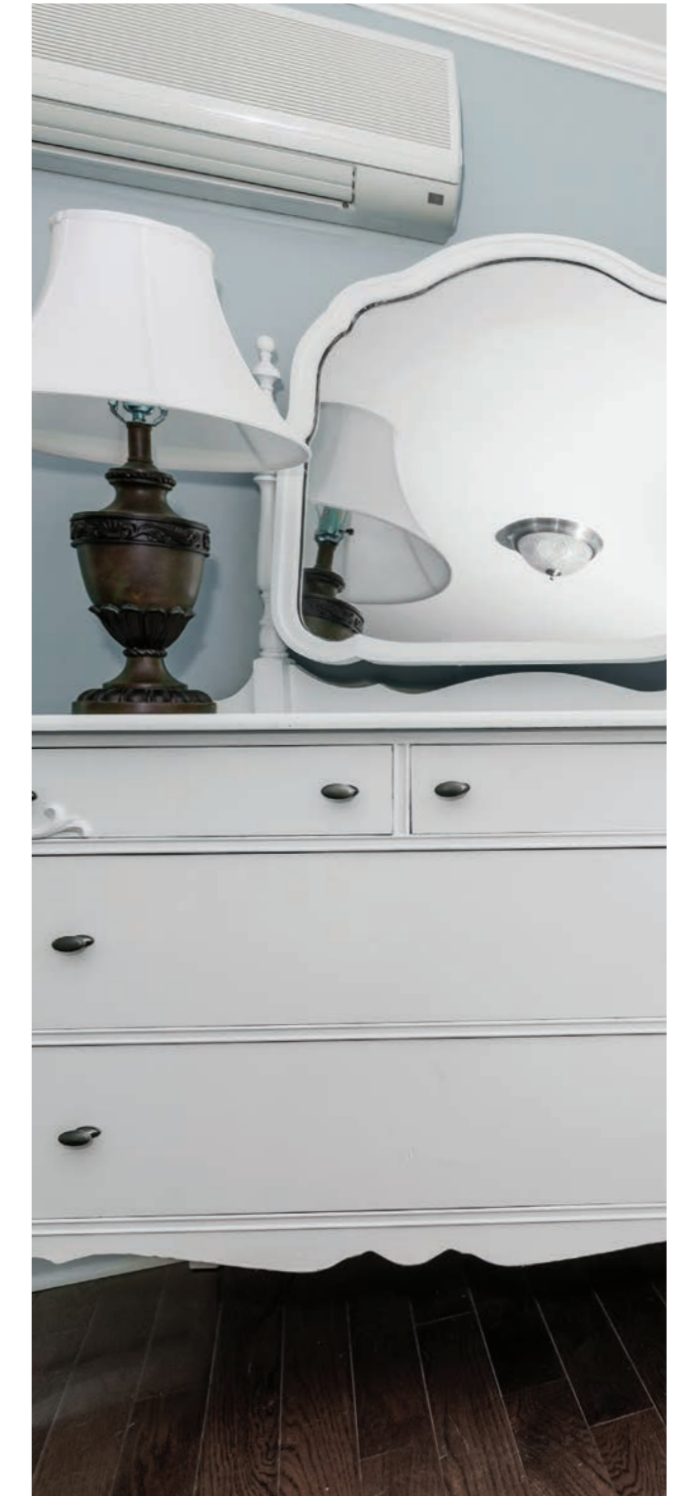
### Consumption

8-10 m<sup>2</sup> area can be coated (excluding losses) with a single layer depending on the surface and application method with 1 kg of Filli Boya Fine 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	By Volume
Filli Boya Fine Cellulosic Primer	100 PORTIONS	100 PORTIONS
Filli Boya Fine Cellulosic Thinner	100 PORTIONS	120 PORTIONS





## Fine Cellulosic Glossy Pearl Varnish

### Product Definition

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

### Places of Use

Applied on MDF, chipboard, solid, wooden surfaces indoors on which Filli Boya Cellulosic Filling Varnish-Primer was applied to ensure protection and to obtain a decorative look.

### Technical Specifications

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

### Application Suggestions

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	total 180-220 gr/m <sup>2</sup> in 2 layers

### Time to Dry

Powder Drying	15 min
Dry to Touch	20 min.
Dry to Stack	24 hours

### Consumption

8-10 m<sup>2</sup> area can be varnished as a single layer depending on surface application conditions with 1 kg of Filli Boya Super Cellulosic Glossy Pearl 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
Filli Boya Fine Cellulosic Glossy Pearl Varnish	100 PORTIONS	100 PORTIONS
Filli Boya Fine Cellulosic Thinner	100 PORTIONS	120 PORTIONS



FILASEL FR 000.19



GLOSSY



## Fine Cellulosic Color Varnish

### Product Definition

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

### Places of Use

Applied on chipboard, solid, wooden surfaces indoors on which Filli Boya Cellulosic Filling Varnish was applied to ensure protection and to obtain a decorative look.

### Technical Specifications

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

### Application Suggestions

You should wait 10-15 minutes between layers.

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

### Time to Dry

Powder Drying	15 min
Dry to Touch	20 min.
Dry to Stack	12 hours

### Consumption

8 -10 m<sup>2</sup> area can be painted as a single layer depending on surface application conditions with 1 kg of Filli Boya Super Cellulosic Color 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
Filli Boya Fine Cellulosic Color Varnish	100 PORTIONS	100 PORTIONS
Filli Boya Fine Cellulosic Thinner	100 PORTIONS	120 PORTIONS



FILASEL FD 000.00





# Fine Cellulosic Glossy Paint

## Product Definition

Single-component top coat paint with high filling strength and covering and fast drying characteristics.

## Places of Use

Used to ensure protection and a decorative look on Filli Boya Fine Cellulosic Primer applied MDF, chipboard and wooden surfaces indoors.

## Technical Specifications

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

## Application Suggestions

Area of application should be cleared from dust, dirt and oils. Recommended to be applied for 2-3 layers. You should wait 10-15 minutes between layers. 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 air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	200-3000 g/m <sup>2</sup>

## Time to Dry

Dry to Touch	15 min.
Dry to Stack	12 hours

## Consumption

8-10 m<sup>2</sup> area can be coated (excluding losses) with a single layer depending on the surface and application method with 1 kg of Filli Boya Fine Cellulosic Glossy 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
Filli Boya Fine Cellulosic Glossy Paint	100 PORTIONS	100 PORTIONS
Filli Boya Fine Cellulosic Thinner	100 PORTIONS	120 PORTIONS



White, Black, Cream 1013, Oxide Yellow, Light Brown, Dark Brown

FILASEL FB 000.09



# Fine Cellulosic Crack 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, chipboard, solid, wooden surfaces indoors on which Filli Boya Cellulosic Filling Varnish-Primer was applied to ensure protection and to obtain a decorative look.

## Technical Specifications

Density	1.35+0.03 g/cm <sup>3</sup>
Package Viscosity	100-110" (20°C DIN4)
Application Viscosity	13-15" (20°C, DIN4)
Solid Matter Amount (by weight)	48.3 %

## Application Suggestions

Area of application should be cleared from dust, dirt and oils. Recommended to be applied as a single layer. 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 air gun
Application Conditions	15°C - 30°C, 40%-70% RH
Application Quantity	80-100 g/m <sup>2</sup>

## Time to Dry

Dry to Touch	15 min.
Dry to Stack	12 hours

## Consumption

8-10 m<sup>2</sup> area can be coated (excluding losses) with a single layer depending on the surface and application method with 1 kg of Filli Boya Fine Cellulosic Crack 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
Filli Boya Fine Cellulosic Crack Paint	100 PORTIONS	100 PORTIONS
Filli Boya Fine Cellulosic Thinner	100 PORTIONS	120 PORTIONS



FILASEL FB 000.10





# AUXILIARY PRODUCTS



## Decorative Wood Colorant

FILASENT FR 000.00

### Product Definition

Synthetic based wood colorant with fast drying and high resistance against turning pale characteristics providing a natural wooden look.

### 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 <sup>3</sup>
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### Application Suggestions

Can be applied to dry and clean wooden surfaces with brush, spray and cloth after being thoroughly mixed. Adapts to polyurethane, acrylic, cellulosic varnish systems to be applied upon.

### 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.



## Aging Patina Paint

FILASENT FR 000.10

### 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	0.93+0.03 g/cm <sup>3</sup>
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### Application Suggestions

Can be applied by cloth and brush on surfaces with cellulosic and polyurethane top coat paint applied. Intended surface can be obtained by using steel wool or scotch brite 1-2 hours after the application. You should wait for 12-24 hours to make a top coat varnish application on it.

### 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.



## Gofrato Wax

FILATINT FG 000.00

### Product Definition

Filli Boya Fine 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 <sup>3</sup>
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### Application Suggestions

The mixed product is applied by spraying method. It should be mixed very well after making Gofrato Wax addition.

### 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.



## Matting Wax

FILASENT FR 000.10

### Product Definition

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

### Places of Use

Super mattin wax is used by inserting to cellulosic, polyurethane, acrylic systems by 10-25% by weight and thoroughly mixing.

### Technical Specifications

Density	0.97+0.03 g/cm <sup>3</sup>
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.





# THINNER

PRODUCT GROUP



## Ultra Acrylic Thinner

### Product Definition

Filli Boya Ultra series is a solvent mixture with high solving strength developed for acrylic products.

### Places of Use

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

### Technical Specifications

Density | 0.86+0.03 g/cm<sup>3</sup>

### 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

## Ultra Polyurethane Thinner

### Product Definition

Filli Boya Ultra series is a solvent mixture with high solving strength developed for polyurethane products.

### Places of Use

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

### Technical Specifications

Density | 0.88+0.03 g/cm<sup>3</sup>

### 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

## Ultra Polyurethane Special Slow Thinner

### Product Definition

Filli Boya Ultra series is a solvent mixture with high solving strength developed for polyurethane products.

### Places of Use

Used as thinner in application of all Filli Boya Ultra series polyurethane based products. Ensures high quality surfaces are obtained by providing good spreading especially in Ultra 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/cm<sup>3</sup>

### 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

## Super Polyurethane Thinner

### Product Definition

Filli Boya Super series is a solvent mixture with high solving strength developed for polyurethane products.

### Places of Use

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

### Technical Specifications

Density | 0.85+0.03 g/cm<sup>3</sup>

### 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, 3 kg



## Super Cellulosic Thinner

### Product Definition

Filli Boya Super series is a solvent mixture with high solving strength developed for cellulosic products. Methanol-free.

### Places of Use

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

### Technical Specifications

Density | 0.84+0.03 g/cm<sup>3</sup>

### Storage

1 year in its unopened 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

## Fine Polyurethane Thinner

### Product Definition

Filli Boya Fine series is a solvent mixture with high solving strength developed for polyurethane products.

### Places of Use

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

### Technical Specifications

Density | 0.88+0.03 g/cm<sup>3</sup>

### 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, 3 kg

## Fine Cellulosic Thinner

### Product Definition

Filli Boya Fine series is a solvent mixture with high solving strength developed for cellulosic products. Methanol-free.

### Places of Use

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

### Technical Specifications

Density | 0.84+0.03 g/cm<sup>3</sup>

### 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

## Fine Synthetic Thinner

### Product Definition

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

### Places of Use

Filli Boya Fine 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+0.03 g/cm<sup>3</sup>

### 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.



## FILLING VARNISHES

Package Density at Viscosity (g/m <sup>3</sup> )	Pot Life @ 22 °C (Hours)	Mixture ratio (By Weight)	Mixture ratio (By Volume)	Thinner Intake Ratio	Solid Matter Amount	Package Viscosity	Application Viscosity (D4)	Application Amount (g/m <sup>2</sup> )	Roughness Time to Sand	Time for Sanding	Transparency	Filling Characteristic
1.00±0.03	6 hours	2:1	2:1	35-40%	52+1	55+5 (D4)	15-17 s	300-350 g/m <sup>2</sup>	60 min	16 hours	.....	.....
0.95±0.03	3 hours	2:1	2:1	25-30%	47+1	105+5 (D6)	14-16 s	300-350 g/m <sup>2</sup>	40 min	16 hours	.....	.....
1.05±0.03	3 hours	2:1	2:1	25-30%	54+1	120+5 (KU)	14-16 s	300-350 g/m <sup>2</sup>	40 min	16 hours	...	.....
1.00±0.03	3 hours	2:1	2:1	25%	51+1	110-120 (DIN4)	14-16 s	300-350 g/m <sup>2</sup>	40 min	16 hours	...	.....
1.02±0.03	2-3 hours	2:1	2:1	20-25%	50+1	110-120 (KU)	14-16 s	300-350 g/m <sup>2</sup>	30 min	16 hours	.....	.....
1.00±0.03	3 hours	2:1	2:1	35-40%	47+1	110+5 (D4)	15-17 s	250-300 g/m <sup>2</sup>	70 min	18 hours	.....	...
0.94±0.03	>8 hours	10:1	10:1	80%	28+1	75+5 (D4)	14-16 s	250-300 g/m <sup>2</sup>	60 min	18 hours	.....	..
0.95±0.03	-	-	-	110%	36+1	60-70 (DIN6)	15-17 s	250-300 g/m <sup>2</sup>	20 min	6 hours	.....	..
0.95±0.03	-	-	-	100%	29+1	40-50 (D6)	14-16 s	250-300 g/m <sup>2</sup>	20 min	6 hours	...	..
1.04±0.03	-	-	-	100%	45+1	86+5 (D4)	16-18 s	250-300 g/m <sup>2</sup>	100 min	18 hours	...	..
1.05±0.03	3 hours	100:2:2	-	20-25%	59+1	70-75 (DIN 4)	20-25 s	300-350 g/m <sup>2</sup>	-	16 hours	...	.....
0.90±0.03	5 hours	1:1	1:1	-	40+1	13-15 (D4)	13-15 s	100-120 g/m <sup>2</sup>	-	5-6 hours	.....	...

ULTRA POLYURETHANE WOODEN BARRIER

## PRIMERS

Density at Package Viscosity (g/m <sup>3</sup> )	Pot Life @ 22 °C (Hours)	Mixture Ratio (By Weight)	Mixture Ratio (By Volume)	Thinner Intake Ratio	Solid Matter Amount	Package Viscosity	Application Viscosity (D4)	Application Amount (g/m <sup>2</sup> )	Time for Rough Sanding	Time for Sanding	Filling Characteristic	Covering
1.47 ±0.03	4 hours	2:1	1:1.35	10%	74+1	110+5 (D4)	15-17 s	250-300 g/m <sup>2</sup>	70 min	18 hours	...	.....
1.37 ±0.03	8 hours	3:1	2:2:1	20-25%	70+1	130+5 (KU)	15-17 s	250-300 g/m <sup>2</sup>	90 min	16 Hours	...	.....
1.55 ±0.03	3-5 hours	3:1	2:1	20-25%	78+1	120-130 (KU)	12-16 s	200-300 g/m <sup>2</sup>	60 min	16 hours	.....	.....
1.50 ±0.03	5-8 hours	3:1	2:1	20-25%	78+1	120-130 (KU)	12-16 s	200-300 g/m <sup>2</sup>	60 min	16 hours	.....	.....
1.55 ±0.03	2 hours	3:1	2:1	20-25%	78+1	110-130 (KU)	15-17 s	200-300 g/m <sup>2</sup>	60 min	18 hours	.....	...
1.38 ±0.03	-	-	-	100%	66+1	127+5 (KU)	15-17 s	250-300 g/m <sup>2</sup>	10 min	6 hours	...	...
1.55 ±0.03	-	-	-	100%	75+1	125-130 (KU)	14-16 s	250-300 g/m <sup>2</sup>	10 min	6 hours	...	..
1.21 ±0.03	-	-	-	10-15%	47+1	70+5 (KU)	16-18 s	250-300 g/m <sup>2</sup>	100 min	18 hours	...	...
1.55 ±0.03	3 hours	100:2:2	-	10-15%	80+1	95-100 (KU)	20-25 s	500-550 g/m <sup>2</sup>	-	16 hours	.....	.....
1.01 ±0.03	2 hours	3:1	2:2:1	60-70%	58+1	120+5 (KU)	15-17 s	100-120 g/m <sup>2</sup>	100 min	3.5 Hours	.....	-
0.90 ±0.03	5 hours	1:1	1:1	-	40+1	13-15 (D4)	13-15 s	100-120 g/m <sup>2</sup>	-	5-6 hours	.....	...

ULTRA POLYURETHANE WOODEN BARRIER



# Technical Data Tables

## TOP COAT VARNISHES

	Density at Package Viscosity (g/m <sup>3</sup> )	Pot Life @ 22 °C (Hours)	Mixture Ratio (By Weight)	Mixture Ratio (By Volume)	Thinner Intake Ratio	Solid Matter Amount	Package Viscosity	Application Viscosity (D4)	Application Amount (g/m <sup>2</sup> )	Time to dry for stacking	Wax Polish Ready Time
ULTRA POLYURETHANE MATT-40 VARNISH 3+1	0.98 ±0.03	4 hours	3:1	3:1	100%	46+1	40-50 (D6)	13-15 s	180-220 g/m <sup>2</sup>	24 hours	-
ULTRA POLYURETHANE MATT-10 VARNISH 3+1	1.00 ±0.03	4 hours	3:1	3:1	100%	45+1	35-45 (DIN6)	13-15 s	180-220 g/m <sup>2</sup>	24 hours	-
SUPER POLYURETHANE GLOSSY VARNISH	1.00 ±0.03	10 hours	1:1	1:1	10%	53+1	25+3 (D4)	10-15 s	250-300 g/m <sup>2</sup>	24 hours	24 hours
SUPER POLYURETHANE MATT-60 VARNISH	1.00 ±0.03	4 hours	4:1	4:1	100%	38+1	35-45 (DIN6)	13-15 s	180-220 g/m <sup>2</sup>	24 hours	-
SUPER POLYURETHANE MATT-40 VARNISH	0.95 ±0.03	4 hours	4:1	4:1	100%	40+1	55-65 (DIN6)	13-15 s	180-220 g/m <sup>2</sup>	24 hours	-
SUPER POLYURETHANE MATT-25 VARNISH	1.00 ±0.03	4 hours	4:1	4:1	100%	40+1	55-65 (DIN6)	13-15 s	180-220 g/m <sup>2</sup>	24 hours	-
SUPER POLYURETHANE MATT-10 VARNISH	0.95 ±0.03	4 hours	4:1	4:1	100%	42+1	55-65 (DIN6)	13-15 s	180-220 g/m <sup>2</sup>	24 hours	-
SUPER POLYURETHANE MATT-40 TECHNIC LACK	1.00 ±0.03	> 8 hours	4:1	4:1	100%	36+1	65-75 (DIN4)	13-15 s	180-220 g/m <sup>2</sup>	24 hours	-
SUPER POLYURETHANE MATT-25 TECHNIC LACK	1.00 ±0.03	> 8 hours	4:1	4:1	100%	35+1	70-80 (DIN4)	13-15 s	180-220 g/m <sup>2</sup>	24 hours	-
SUPER POLYURETHANE MATT-10 TECHNIC LACK	1.00 ±0.03	> 8 hours	4:1	4:1	100%	35+1	70-80 (DIN4)	13-15 s	180-220 g/m <sup>2</sup>	24 hours	-
SUPER POLYURETHANE MATT-40 SCRATCH-PROOF VARNISH	0.98 ±0.03	4 hours	4:1	4:1	100%	38+1	30-40 (D4)	13-15 s	180-220 g/m <sup>2</sup>	24 hours	-
SUPER POLYURETHANE MATT-25 SCRATCH-PROOF VARNISH	0.98 ±0.03	4 hours	4:1	4:1	100%	38+1	30-40 (D4)	13-15 s	180-220 g/m <sup>2</sup>	24 hours	-
SUPER POLYURETHANE MATT-10 SCRATCH-PROOF VARNISH	0.98 ±0.03	4 hours	4:1	4:1	100%	38+1	30-40 (D4)	13-15 s	180-220 g/m <sup>2</sup>	24 hours	-
FINE POLYURETHANE GLOSSY VARNISH 1+1	1.00 ±0.03	>8 hours	1:1	1:1	0	51+1	40-50 (DIN4)	13-15 s	350 g/m <sup>2</sup>	36 hours	36 hours
FINE POLYURETHANE EXTRA GLOSSY VARNISH	1.00 ±0.03	>8 hours	2:1	2:1	40%	49+1	50-60 (DIN4)	13-15 s	350 g/m <sup>2</sup>	36 hours	36 hours
FINE POLYURETHANE MATT-40 VARNISH	0.95 ±0.03	4 hours	4:1	4:1	100%	35+1	170-190 (DIN4)	13-15 s	180-220 g/m <sup>2</sup>	24 hours	-
FINE POLYURETHANE MATT-25 VARNISH	1.00 ±0.03	4 hours	4:1	4:1	100%	35+1	130-140 (DIN6)	13-15 s	180-220 g/m <sup>2</sup>	24 hours	-
FINE POLYURETHANE MATT-10 VARNISH	1.00 ±0.03	4 hours	4:1	4:1	100%	40+1	130-140 (DIN6)	13-15 s	180-220 g/m <sup>2</sup>	24 hours	-
ULTRA ACRYLIC GLOSSY VARNISH 2+1	1.00 ±0.03	4 hours	2:1	2:1	60-70%	56+1	90+5 (D6)	14-46 s	250-300 g/m <sup>2</sup>	96 hours	72 hours
SUPER ACRYLIC GLOSSY VARNISH 2+1	0.96 ±0.03	>6 hours	2:1	2:1	50%	40+1	31+5 (D4)	14-16 s	250-300 g/m <sup>2</sup>	36 hours	48 hours
SUPER ACRYLIC MATT-40 VARNISH 10+1	0.96 ±0.03	>6 hours	10:1	10:1	80%	46+1	93+5 (D4)	14-16 s	200-250 g/m <sup>2</sup>	36 hours	-
SUPER ACRYLIC MATT-10 VARNISH 10+1	0.96 ±0.03	>6 hours	10:1	9:1	80%	35+1	80-90 (D4)	14-16 s	200-250 g/m <sup>2</sup>	36 hours	-
SUPER CELLULOSIC GLOSSY VARNISH	0.96 ±0.03	-	100%	-	100%	32+1	45+5 (D4)	14-16 s	150-200 g/m <sup>2</sup>	24 hours	-
SUPER CELLULOSIC MATT-40 VARNISH	0.96 ±0.03	-	100%	-	100%	49+1	93+5 (D4)	14-16 s	150-200 g/m <sup>2</sup>	24 hours	-
SUPER CELLULOSIC MATT-10 VARNISH	0.94 ±0.03	-	100%	-	100%	47+1	70+5 (D4)	15-17 s	150-200 g/m <sup>2</sup>	24 hours	-
VITAL MATT-40 VARNISH	1.05 ±0.03	-	10-15%	-	10-15%	32+1	65-70 (KU)	16-18 s	180-220 g/m <sup>2</sup>	24 hours	-
FINE CELLULOSIC COLOR VARNISH	0.95 ±0.03	-	100%	-	100%	25+1	25-30 (D6)	14-16 s	180-220 g/m <sup>2</sup>	24 hours	-
FINE CELLULOSIC GLOSSY PEARL VARNISH	1.00 ±0.03	-	100%	-	100%	38+1	50-60 (D6)	14-16 s	180-220 g/m <sup>2</sup>	24 hours	-

## TOP COAT PAINTS

	Density at Package Viscosity (g/m <sup>3</sup> )	Pot Life @ 22 °C (Hour)	Mixture Ratio By Weight	Mixture Ratio (By Volume)	Thinner Intake Ratio	Solid Matter Amount	Package Viscosity	Application Viscosity (D4)	Application Amount (g/m <sup>2</sup> )	Time to dry for stacking	Wax Polish Ready Time
ULTRA ACRYLIC GLOSSY PAINT	1.25±0.03	6 hours	2:1	1:1.6	40-45%	64+1	20+3 (D6)	14-46 s	250-300 g/m <sup>2</sup>	96 hours	72 hours
SUPER POLYURETHANE H.00 GLOSSY PAINT	1.30±0.03	>8 hours	2:1	1.6:1	30%	66+1	80-90 (D4)	14-16 s	300-350 g/m <sup>2</sup>	48 hours	24 hours
SUPER POLYURETHANE MATT-40 PAINT	1.40±0.03	>8 hours	2:1	1.45:1	25%	70+1	85-95 (DIN6)	14-16 s	250-300 g/m <sup>2</sup>	24 hours	-
SUPER POLYURETHANE MATT-25 PAINT	1.30±0.03	3-5 hours	2:1	2.6:1	20-25%	61+1	45-55 (DIN6)	13-15 s	250-300 g/m <sup>2</sup>	24 hours	-
SUPER POLYURETHANE MATT-10 PAINT	1.25±0.03	3-6 hours	2:1	2.5:1	20-25%	68+1	110-120 (D4)	12-16 s	300-350 g/m <sup>2</sup>	24 hours	-
FINE POLYURETHANE GLOSSY PAINT	1.25±0.03	4-6 hours	2:1	1.6:1	20-25%	69+1	40-50 (D6)	14-16 s	300-350 g/m <sup>2</sup>	48 hours	24 hours
FINE POLYURETHANE MATT-40 PAINT 4+1	1.30±0.03	4-6 hours	4:1	4:1	40-45%	69+1	50-60 (D6)	14-16 s	250-300 g/m <sup>2</sup>	24 hours	-
FINE POLYURETHANE MATT-10 PAINT 4+1	1.30±0.03	4-6 hours	4:1	4:1	30-35%	69+1	40-50 (D6)	14-16 s	250-300 g/m <sup>2</sup>	24 hours	-
FINE POLYURETHANE PANEL DOOR PAINT	1.60±0.03	4-6 hours	4:1	6:1	20-25%	80+1	105-115 (KU)	14-16 s	250-300 g/m <sup>2</sup>	24 hours	-
SUPER ACRYLIC MATT-40 PAINT 10+1	1.14±0.03	>6 hours	10:1	9:1	55%	46+1	93+5 (D4)	14-16 s	200-250 g/m <sup>2</sup>	36 hours	-
SUPER ACRYLIC MATT-10 PAINT 10+1	1.14±0.03	>6 hours	10:1	9:1	55%	46+1	110+5 (D4)	14-16 s	200-250 g/m <sup>2</sup>	36 hours	-
SUPER ACRYLIC GLOSSY PAINT 2+1	1.22±0.03	4 hours	2:1	1.65:1	40%	64+1	36+5 (D6)	14-16 s	300-350 g/m <sup>2</sup>	72 hours	48 hours
SUPER CELLULOSIC GLOSSY PAINT	1.15±0.03	-	100%	-	100%	49+1	60-70 (DIN6)	13-15 s	250-300 g/m <sup>2</sup>	24 hours	-
SUPER CELLULOSIC MATT-10 PAINT	1.12±0.03	-	100%	-	100%	49+1	100+5 (KU)	14-16 s	250-300 g/m <sup>2</sup>	24 hours	-
FINE CELLULOSIC GLOSSY PAINT	1.08±0.03	-	100%	-	100%	43+1	30-40 (D6)	13-15 s	200-300 g/m <sup>2</sup>	24 hours	-
FINE CELLULOSIC CRACK PAINT	1.35±0.03	-	100%	-	100%	48+1	100-110 (D4)	13-15 s	80-100 g/m <sup>2</sup>	24 hours	-
VITAL MATT-40 PAINT	1.20±0.03	-	10-15%	-	10-15%	46+1	87-92 (KU)	16-18 s	200-250 g/m <sup>2</sup>	24 hours	-
FINE POLYURETHANE MATT-10 VARNISH	1.00±0.03	4 hours	4:1	4:1	100%	40+1	130-140 (DIN6)	13-15 s	180-220 g/m <sup>2</sup>	24 hours	-
ULTRA ACRYLIC GLOSSY VARNISH 2+1	1.00 ±0.03	4 hours	2:1	2:1	60-70%	56+1	90+5 (D6)	14-46 s	250-300 g/m <sup>2</sup>	96 hours	72 hours
SUPER ACRYLIC GLOSSY VARNISH 2+1	0.96 ±0.03	>6 hours	2:1	2:1	50%	40+1	31+5 (D4)	14-16 s	250-300 g/m <sup>2</sup>	36 hours	48 hours
SUPER ACRYLIC MATT-40 VARNISH 10+1	0.96 ±0.03	>6 hours	10:1	10:1	80%	46+1	93+5 (D4)	14-16 s	200-250 g/m <sup>2</sup>	36 hours	-
SUPER ACRYLIC MATT-10 VARNISH 10+1	0.96 ±0.03	>6 hours	10:1	9:1	80%	35+1	80-90 (D4)	14-16 s	200-250 g/m <sup>2</sup>	36 hours	-
SUPER CELLULOSIC GLOSSY VARNISH	0.96 ±0.03	-	100%	-	100%	32+1	45+5 (D4)	14-16 s	150-200 g/m <sup>2</sup>	24 hours	-
SUPER CELLULOSIC MATT-40 VARNISH	0.96 ±0.03	-	100%	-	100%	49+1	93+5 (D4)	14-16 s	150-200 g/m <sup>2</sup>	24 hours	-
SUPER CELLULOSIC MATT-10 VARNISH	0.94 ±0.03	-	100%	-	100%	47+1	70+5 (D4)	15-17 s	150-200 g/m <sup>2</sup>	24 hours	-
VITAL MATT-40 VARNISH	1.05 ±0.03	-	10-15%	-	10-15%	32+1	65-70 (KU)	16-18 s	180-220 g/m <sup>2</sup>	24 hours	-
FINE CELLULOSIC COLOR VARNISH	0.95 ±0.03	-	100%	-	100%	25+1	25-30 (D6)	14-16 s	180-220 g/m <sup>2</sup>	24 hours	-
FINE CELLULOSIC GLOSSY PEARL VARNISH	1.00 ±0.03	-	100%	-	100%	38+1	50-60 (D6)	14-16 s	180-220 g/m <sup>2</sup>	24 hours	-





**COLOR  
CHART  
SECTION**



## Fine Cellulosic Paint

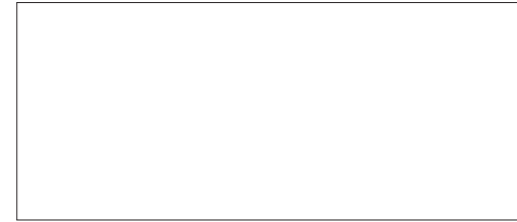


Cellulosic based, air dried top coat paint. Used as top coat paint on Filli Boya Fine Cellulosic Primer applied MDF, chip-board and wooden surfaces indoors.

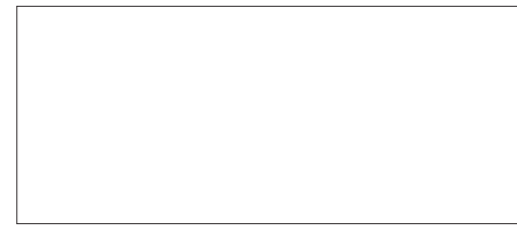
- ✓ High covering
- ✓ Fast drying
- ✓ Very good spreading



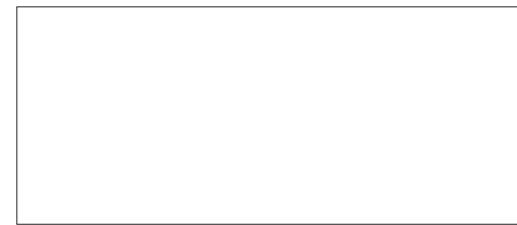
1013 Cream



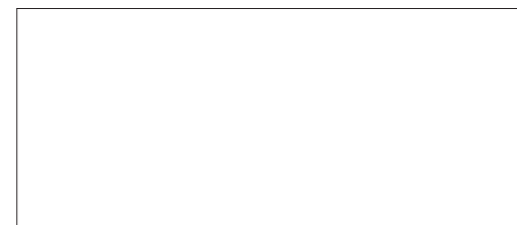
Oxide Yellow



Light Brown



Dark Brown



White



Aluminum Grey



Black

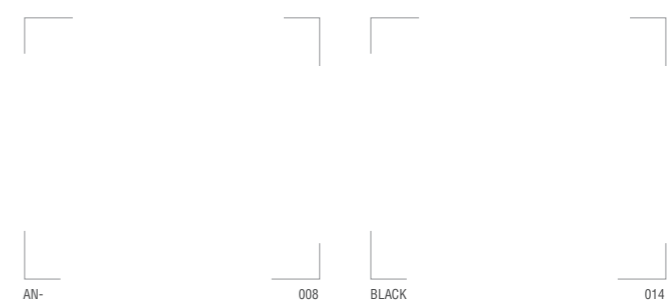
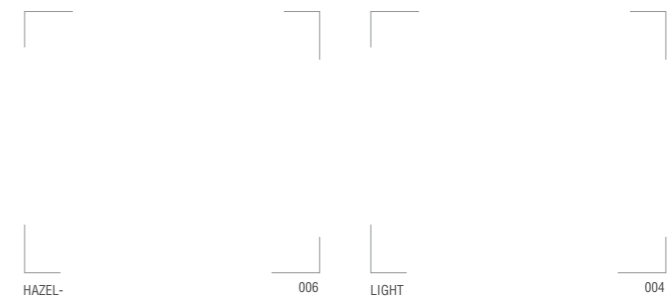
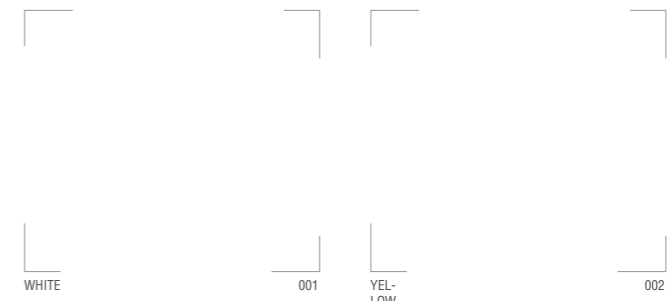
Colors in the color chart may differ from original colors depending on the printing technique and ambient light.

## Super Capacolor Wood Colorant



Wood colorant which can be thinned by water or solvent. Used to color all kinds of solid wood and coating surfaces used indoors.

- ✓ High coloring strength
- ✓ Fast drying
- ✓ Doesn't do color rejection
- ✓ Can be used to color top coat varnishes (maximum 2-3%)
- ✓ Can be applied by air spraying guns, cloths, brushes and dipping methods
- ✓ Lead-free



Color tone may differ according to the type of the wood used, number of layers to be applied and ambient light.



## Fine Decorative Wood Colorant



It is a synthetic based, air dried wood colorant. Used to color all kinds of solid wood and coating surfaces used indoors.

- ✓ High coloring strength
- ✓ Fast drying
- ✓ Doesn't do color rejection
- ✓ Can be applied by cloth, brush and dipping methods
- ✓ Lead-free



LIGHT OAK

8026

WALNUT

6035

ANTIQUE WALNUT

8033

AFRICAN ROSEWOOD

8032

BLACK

7001

Color tone may differ according to the type of the wood used, number of layers to be applied and ambient light.

## Fine Cellulosic Color Varnish



It is a synthetic based, air dried transparent wood colorant. Applied as mid-layer varnish over filling varnishes prior to top coat on all kinds of solid woods and coating surfaces used indoors.

- ✓ Fast drying
- ✓ Doesn't do color rejection
- ✓ Lead-free



AFRICAN ROSEWOOD

8032

HAZEL-NUT

8025

WALNUT

6035

STAIN

2013

DARK WALNUT

8024

OAK

8034

WAL-NUT 2

8114

Color tone may differ according to the type of the wood used, number of layers to be applied and ambient light.





## Super Cellulosic Glossy Paint



Cellulosic based, air dried top coat paint. Used as top coat paint on Filli Boya Cellulosic Primer applied MDF, chipboard and wooden surfaces indoors.

- ✓ High covering
- ✓ Fast drying
- ✓ Very good spreading



Colors in the color chart may differ from original colors depending on the printing technique and ambient light. Tones closest to the original colors are displayed on this color chart.  
 \*All the colors on the color chart are ready colors available in our stock. Colors on the color chart may differ depending on application conditions.



## Application Issues and Solutions

### Dry spraying - falling as powder

Falling of paint and varnish on the surface as powder.  
**Cause:** Holding the paint gun (pistol) being far away from the surface and set at high pressure, too high paint, varnish viscosity, not using suitable thinner during application.

**Solution:** Causes leading to the issues should be considered, a new layer should be applied by first sanding with 400-600 number sandpaper.

### Orange Peeling

Paint or varnish forming a film looking like an orange peel on the surface it is applied.

**Cause:** High application viscosity, not using suitable thinner, too high application pressure, extreme temperature differences between the paint and the surface, holding the paint gun too close to the surface, making thick application.

**Solution:** Causes leading to the issues should be considered, a new layer should be applied under suitable conditions by first sanding the surfaces with 400-600 number sandpaper.

### Boiling

Formation of surface defects shaped like tiny holes or small bubbles looking like pinheads on the paint or varnish applied surface.

**Cause:** Not using suitable thinner, making too thick application in hot weathers, applying a second layer without giving enough time for the first layer to dry.

**Solution:** In paint and varnish applications the second layer should be applied either a very short time (5-10 minutes) or at least 5-6 hours after the first layer, in very hot weathers 3-5% ratio of Filli Boya Retarder should be added to the paint or varnish. Causes leading to the issues on the surfaces where boiling issue is experienced should be considered, a layer should be applied again to these surfaces with issues under suitable conditions by first sanding the surfaces with 400-600 number sandpaper.

### Liftings shaped like craters-beads

Formation of dents or liftings shaped like craters on paint or varnish applied surfaces.

**Cause:** Silicon based material (wax-polish) being used in the environment where the paint is applied, oil-water being mixed to the paint or varnish through compressor, dirt such as oil, sweat being present on the painted surface.

**Solution:** Wax-polish works should never be done in the environment where paint and varnish are being

applied before or after the application, oil-water mixing to the paint or varnish from the compressor should be prevented. Problematic surfaces in this situation should be thoroughly sanded with 400-600 number sandpaper and one more layer should be applied by taking the causes leading to the issues under consideration.

### Curtaining or wrapping

Formation of an irregular film shaped like a curtain on perpendicular or inclined surfaces by the paint.

**Cause:** Application of too thick paint on a single time on perpendicular or inclined surfaces, application viscosity of the paint being too low, accumulation of the paint or varnish on one point by holding the gun in various angles and shapes instead of a right angle.

**Solution:** Paint and varnish viscosity should be paid attention to, application should be done in thin layers especially to perpendicular surfaces, distance of the gun from the surface should be 20 cm in normal applications and 30 cm in high pressure applications. Problematic surfaces in this situation should be thoroughly sanded with 400-600 number sandpaper and one more layer should be applied by taking the causes leading to the issues under consideration.

### Delay in time for sanding

Applied primer paint and filling varnish not being ready for sanding within the time specified by the manufacturer company or being late according to the consumer expectation.

**Cause:** Not following the mixture ratio specified by the manufacturer company in two-component paints, too low ambient temperature, wood or ambient being extremely humid, application being made too thick, the most important is to not being familiar with the product or system being used in time required to be ready for sanding.

**Solution:** Mixture ratios should be applied very well prior to application, application should be avoided in extreme humidity and cold, application should not be done too thick. You should know while choosing a system or a brand that especially Polyurethane and Acrylic systems need longer to be ready for sanding because their drying time is long due to their curing is done by a chemical reaction, time for sanding is 6-8 hours during summer and 24-72 hours during winter, products drying in shorter times than these times, which are normal due to the chemical structure, probably include modified resin. However, time required for sanding in genuine Polyurethane or

Acrylic varnish or paint can be shortened by heating up the environment.

### Difficulty in sanding

Sanding process of applied primer or filling varnish being slow, tougher, tiring than consumer expectations, without sufficient chalking or not wrapping the sandpaper.

**Cause:** Usage of different brand, less or more hardener in application of primer or filling varnish, sanding before or much later than normal time for sanding.

**Solution:** Mixture ratios given by the manufacturer company should be followed accurately, correct hardener with the same brand should definitely be used. Sanding should be avoided long before the time specified by the manufacturer company, while the film is not yet hardened or after the film gets too hardened.

### Easy scratches, low mar resistance

Top coat paint or varnish applied being scratched too easier and faster than normal.

**Cause:** In Polyurethane or Acrylic systems deficient usage of hardener in top coat application, drying and/or curing not being completed yet.

**Solution:** Correct type and amount of hardener should definitely be used during application of Polyurethane and Acrylic systems, painted and varnished surfaces should not be exposed to physical impacts before the specified times because paint and varnish films will harden under conditions and time specified by the manufacturer company.

### Inability to obtain sufficient gloss

Inability to obtain intended gloss, vividness on the surface after applying top coat glossy paint or varnish.

**Cause:** Not providing base filling of sufficient level or quality due to surface and type of the wood, mismatch of top coat paint or varnish and base filling, base filling not having sufficient hardness, filling and spreading characteristics, usage of low quality and unsuitable thinner in top coat applications, not applying top coat of sufficient thickness. **Solution:** It is mandatory to ensure sufficient quality base filling prior to top coat glossy paint or varnish application. Top coat should be applied on well-prepared surfaces with a high quality thinner on the final layer and with sufficient film thickness. A final layer of paint and varnish should be applied again to the surfaces where sufficient gloss couldn't be obtained after breaking the roughness with 400-600 number sandpaper and paying attention to the causes above.

### Inability to obtain standard opacity

Applied matt/silk matt top coat paint or varnish giving a more opaque or glossy look than expected.

**Cause:** Paint or varnish to be applied wasn't mixed well prior to usage, hardener or thinner of described amounts not used, thinner quality not suitable, absorption performed on base which is not sufficiently cured or well filled.

**Solution:** Paint and varnish should be applied again to the problematic surfaces after breaking the roughness with 400-600 number sandpaper and paying attention to the causes above.

### Blushing-whitening

Surface giving a fogged-whitish look after top coat paint or varnish application.

**Cause:** Doing paint and varnish applications in environments with high humidity, using unsuitable thinner.

**Solution:** Application should be avoided in environments with high humidity, if application is absolutely necessary then Filli Boya Retarder should be added to paint or varnish mixture at 3-5% ratio, thinner recommended by the manufacturer company should definitely be used. Paint and varnish should be applied again to the problematic surfaces after breaking the roughness with 400-600 number sandpaper and paying attention to the causes above.













**Betek Boya ve Kimya Sanayi A.Ş.**

Zümrütevler Mah. Ural Sok. No:38

34852 Maltepe - İstanbul

Tel: 0(216) 571 10 00

Fax: 0(216) 571 11 16

e-mail: [tuketici\\_danisma@betek.com.tr](mailto:tuketici_danisma@betek.com.tr)

[www.filliboya.com](http://www.filliboya.com)

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**FiLLi BOYA**  
DANIŞMA MERKEZİ  
**444 1 222**