



We design  
for you



www  
nipponpaint-industrialgroup  
com

# Bringing together our **local** strengths and global expertise...







## Betek

Founded in 1988, in its early years in the sector Betek Boya Kimya ve Sanayi A.Ş. developed the high-quality concrete admixtures, ready-mixed mortars, and waterproofing materials that were in high demand within the construction market. The company gained great momentum with the high amount of orders it received thanks to its effective sales and marketing systems. With the strength Betek gained from its experience in construction materials, it began to seek new markets and added construction paints to its product range. In 1993, Betek became the first company in the industry that established a foreign partnership, thanks to its technological collaboration with DAW, the biggest decorative paint manufacturer in Europe.

Using cutting-edge manufacturing technologies, Betek gained a reputation as a leading and innovative brand known for top-quality manufacturing with its consumer-friendly products that changed the game in the paint industry. This helped it to quickly become the top player and cemented its position as market leader in 2001.

While Betek Boya Kimya ve Sanayi A.Ş. always operates in accordance with international environmental protection and environmental health standards, it actually took the first step towards this work in 1993 when it adapted its products to be compliant with EU paint standards. It has been managing its manufacturing and R&D processes accordingly ever since. Betek complies with the following management systems: ISO 9001, ISO 10002, ISO 14001, OHSAS 18001, ISO/IEC 27001, ISO 50001, and IATF 16949.

In line with its mission to extend its domestic success attained in Gebze1, Gebze2, Kayseri, Balıkesir and Rize factories beyond borders, Betek produces 26,000 metric tons of paint in Egypt at its 11,000m<sup>2</sup> facility.

In 2019, leading paint manufacturer Betek joined forces with Nippon Paint which is the first paint manufacturer in Asia and the fourth in the world with a view to becoming the biggest paint manufacturer of the world.

Betek Boya provides B2B business partners with services and tailor-made solutions offering special product designs for industrial areas, along with decorative paints, stonewool and thermal insulation systems.

## Nippon Paint

Established in 1881 in Tokyo by Moteki Jujiro, Nippon Paint became the first paint factory of Japan, and today, it is the biggest coating manufacturer in Asia. In 1962, Nippon Paint made its first step towards globalization by establishing a joint venture with a Singaporean company, and a strategical partnership was established between Nippon Paint Holdings Co. Ltd and NIPSEA Group. Expanding to a total of 16 countries and regions, NIPSEA Group offers services to meet the local needs of its customers with over 70 NIPSEA companies and 22,000 employees across 16 locations exclusively in Asia.

Nippon Paint Holding operates in four different regions—namely Japan, Asia (Nipsea), the Americas, and Europe—in numerous business lines, including automotive paints, decorative paints, industrial paints, marine paints, road marking paints, and special technical paints, as well as paints used in the electronics and energy sectors. Nippon Paint Holding has a total of 25,000 employees and more than 150 companies in 27 countries and regions.

# Industrial Group Activity Areas

Leading paint manufacturer established in 1988, Betek Boya Kimya ve Sanayi A.Ş. joined forces with Nippon Paint, which is the first paint manufacturer in Asia and the fourth biggest in the world, in 2019 with a view to becoming the biggest paint manufacturer of the world.



## Industrial Coatings

Betek entered the industrial metal coating market with Filli Boya Industrial Coatings brand in 2007, and today it leads the 4.0 transformation with new product versions in every area of the industry, from on-board/under vehicle equipment, automotive supply industry and heavy industries to machinery equipment, agricultural and heavy machinery with its new plant investment, further strengthening the brand in 2016. Combining its local power in research and innovation with Nippon Paint's global experience, Filli Boya Industrial Coatings continues to be the solutions partner of customers with tailor-made product designs.



## Wood Coatings

Filli Boya has a wide range of services since 2003, from interior space wooden surface preparation products to top coat paints. Focusing on customer satisfaction with products developed in line with European Standards, Filli Boya Furniture Paints offers robust solution suggestions with internationally recognized certificates such as EN 71-3, DIN EN 68861-1, and DIN EN 12722. Thanks to the know-how agreement concluded with German giant Hesse Lignal in 2019; the brand continues to expand its product range with technological improvements.





### Protective Coatings

Nippon Paint Protective Coatings offers a wide range of products for steel structures such as bridges, shopping malls, stadiums, and warehouses, as well as industrial areas such as transformers, chemical tanks, ERW profiles and spiral pipes.

Helping to deal with harsh natural and artificial conditions such as severe corrosion, organic and chemical pollution, moisture, UV radiation and abrasion, our protective coatings offer long-lasting protection for steel structures and reduce your maintenance-repair costs.

With solutions tailored to your needs and value to your business, Nippon Paint Industrial Group's experienced technical team conducts your projects together, from start to finish.



### Floor Coatings

At Nippon Paint, we offer floor coating solutions that meet the needs of our customers at the highest level with our global power and effective local know-how and experience.

Nippon Paint Floor Coatings protect concrete floor surfaces from damages such as chemical and oil spills, mechanical deformations such as wear and tear in areas exposed to heavy and medium-level moving loads, and impacts arising from typical industrial activities.

Nippon Paint Floor Coatings are hygienic, dust-free and aesthetically pleasing, with a wide range of colors that can reduce lighting requirements on your floors and improve the working environment.

Ensure the overall longevity of your construction and minimize long-term maintenance costs with the wide range of floor coating solutions offered by Nippon Paint Floor Coatings.



### Industrial Adhesives

Betek began its operations in the field of industrial adhesives back in 2004, with a focus on producing acrylic emulsion polymer for the furniture industry. Within two years, it had expanded its reach and cemented its place in the textile and paper packaging industry with the "Betapol Adhesives" brand. Today, Filli Boya Industrial Adhesives continues to provide top-notch products and services to a wide range of industries, including paper, wood, construction, and textile. Its commitment to quality and innovation has earned it a loyal customer base that is consistently satisfied with the products and services.

# Why Us?



**Innovation  
R&D  
Center**

We enhance your competitive power in international markets with our innovative products.



**Technical  
Specialty**

Our technical team is always ready to provide you with the support you need.



**Wide Product  
Range**

More than 600 brands and thousands of color options.



**Proven  
Paint  
Systems**

All our systems are tested and approved in our fully equipped local R&D center.



**Local  
Manufacturing**

We are flexible, agile and quick thanks to our local manufacturing processes.



We collaborate with you in discovering effective solutions for your projects.



We prioritize sustainability and find eco-friendly solutions fitting the ecosystem to build a better future.



As your trusted partner, our goal is to assist you in achieving maximum efficiency through our zero-error approach.



We prepare you for the future by combining our local power with our global experience.



We pave the way for globalization with solutions compliant with international standards.



Our wide and fast logistics network allow you to save valuable time.





# Designing *as per* your *processes...*

We draw our strength from our dreams in the first place, and the technical know-how and skills we acquired over the years with domestic production that gives us agility at all times. Moreover, we believe we can realize our dreams with our sense of quality products and services, experience, and vast logistics network.

At Nippon Paint Industrial Group Filli Boya Industrial Coatings, we blend our domestic power together with the global know-how and experience of Nippon, a world giant, to prepare you for the future.

We understand the significance of having high-performance protection and excellent appearance for our customers across all industry sectors. It is why manufacturers from various industrial areas rely on our technical expertise, and the quality of our products and services.

At Nippon Paint Industrial Group Filli Boya Industrial Coatings, we are ready to “understand your processes and needs in the best way



ON-BOARD EQUIPMENT



AGRICULTURAL MACHINERY



HEAVY MACHINERY

possible and design the best solution for you” as your long-term, reliable solutions partner with our industry-leading, value-creating, sustainable, innovative and quality products and our sense of customer-oriented service.

We offer optimum performance for your needs in the areas of Tractors and Agricultural Machinery, On-Board Equipment, Machinery Equipment, Heavy Machinery and Cranes, Barrels, Cast Valves, Profiles, OEM supply industry, LPG, thanks to our tested and certified products and systems offering excellent adhesion, UV and color resistance, top coat appearance, corrosion protection, ease of application, and our technical service.

Nippon Paint Filli Boya Industrial Coatings, a manufacturer specializing in industrial coatings, supports the manufacturing industry, the backbone of the Turkish economy. We continue to be your solutions partner with our sales and technical team, which you can contact anytime.

High-performance  
protection and  
***outstanding appearance...***

AND CRANES

MACHINERY EQUIPMENT

OTHER







## On-Board Equipment

Heavy machinery and on-board equipment industries are industrial areas where high strength and wear resistance is required.

Nippon Paint Industrial Group and Filli Boya Industrial Coatings both specialize in providing top-quality coatings for the on-board equipment industry. This includes everything from trailers and tippers to truck beds, tankers, garbage collection vehicles, street sweepers, waste collection vehicles, and fire fighting vehicles. Their coatings are designed to withstand high UV exposure, as well as resist fading and damage from chemicals and mechanical wear and tear.

The brand provides your vehicles with long-lasting color and brightness resistance, an excellent aesthetical look and a clear image with a specially developed and compliant product range, not to mention the systems with

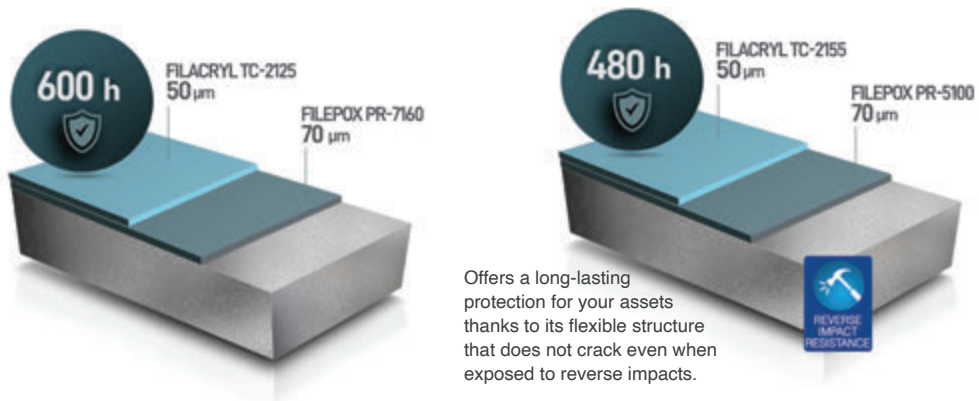
very high mechanical resistance successfully passed reversed impact tests which simulate the hardest conditions. Thanks to our systems offering outstanding impact resistance, vehicle manufacturers reduce repair costs and improve their reputations and business potentials with more extended guarantee periods.

We design comprehensive products that can be utilized across a wide range of surfaces and equipment, including wet-on-wet applications. Working in tandem with our expert technical team, we strive to optimize your manufacturing processes and streamline your operations. Our innovative flexible system boasts a reverse impact resistance, which greatly improves the efficiency of your heavy machinery and on-board equipment – particularly in high-risk impact zones. This gives you a significant advantage in the global marketplace, helping you stay ahead of the competition.



Specially designed  
paint systems  
*minimizing repair costs.*

### Epoxy | Acrylic System Samples



Offers a long-lasting protection for your assets thanks to its flexible structure that does not crack even when exposed to reverse impacts.

\*Systems are tested on metal surfaces that are cleaned with a solvent and slightly sanded.  
Corrosion resistance tests for hours are performed for different thicknesses as per requests.



Color and gloss  
retention  
*just like  
the first day...*

## Agricultural Machinery

**Tractors and agricultural machinery industry is an area which requires both an aesthetical look and an outstanding wear resistance.**

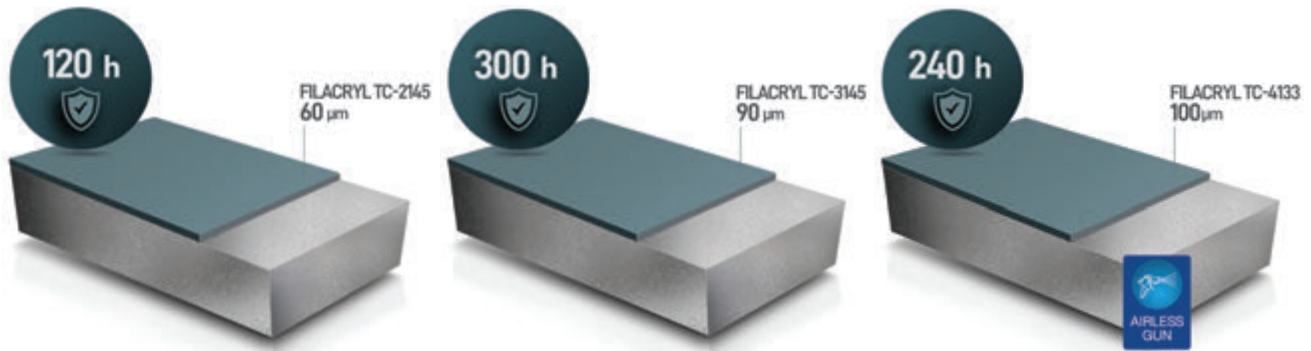
We are dedicated to helping you reduce your operational costs with our excellent products and systems. Our single-coat DTM solutions are perfect for markets requiring agricultural machinery operating in harsh conditions. They offer UV and chemical resistance, high levels of color and brightness, and excellent adhesion on every surface. Additionally, our products comply

with regulations, making them the perfect choice for any business. Our 2-coat systems are highly durable and designed to withstand wear and tear, while our epoxy and acrylic systems can be applied using the wet-on-wet technique to streamline your manufacturing processes. You can count on our experienced technical team to work closely with you to create the perfect design for your unique requirements.

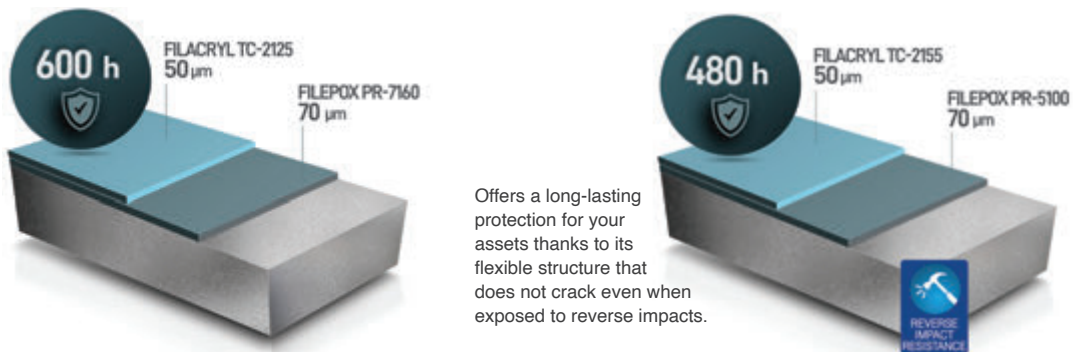




### Acrylic DTM System Samples



### Epoxy | Acrylic System Samples



Offers a long-lasting protection for your assets thanks to its flexible structure that does not crack even when exposed to reverse impacts.

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Corrosion resistance tests for hours are performed for different thicknesses as per requests.





## Heavy Machinery and Cranes

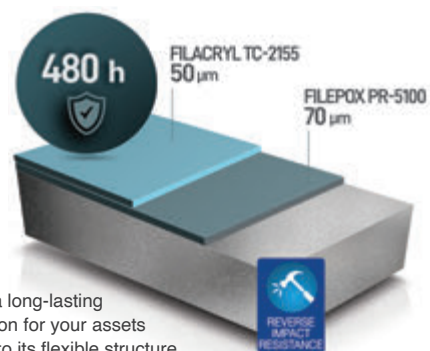
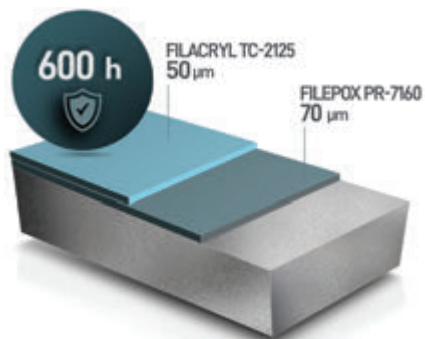
In the heavy machinery and crane industry using different types of heavy machinery such as scrapers, loaders, forklifts, dippers, etc., vehicles operate on stone, dirt, concrete surfaces. They are expected to have a long lifetime even under harsh conditions such as UV rays, humidity, various chemicals, wear, impact and corrosion, and minimize maintenance costs and disruptions

due to maintenance periods. Therefore, they require the right paint system to protect them from external factors such as dust, salt, water, wear, etc. We help you increase the sustainability of your investments and minimize maintenance costs with tailor-made products satisfying your expectations.



High mechanical and chemical resistance  
*even in the severe conditions...*

### Epoxy | Acrylic System Samples



Offers a long-lasting protection for your assets thanks to its flexible structure that does not crack even when exposed to reverse impacts.

\*Systems are tested on metal surfaces that are cleaned with a solvent and slightly sanded.  
 Corrosion resistance tests for hours are performed for different thicknesses as per requests.



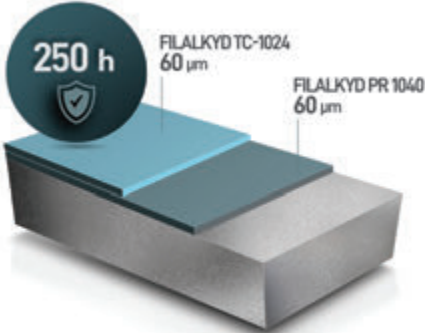
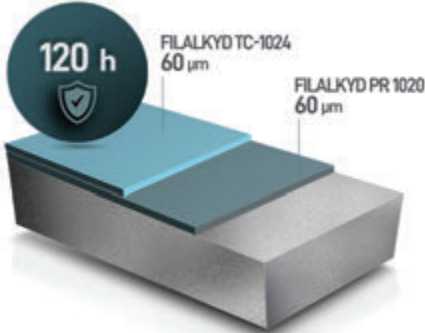


## Machinery Equipment

We are aware of the effect of stacking and packaging on your processes. Our eco-friendly, one-component, toluene-free, formaldehyde-

free products, as well as products offering quick solutions allow you to reduce thinner use and protect your assets for a longer time.

### Alkyd System Samples

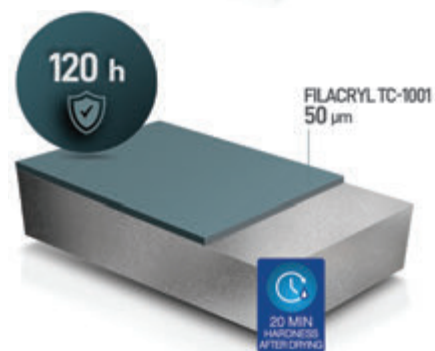
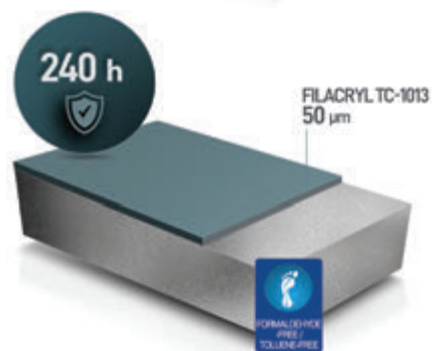
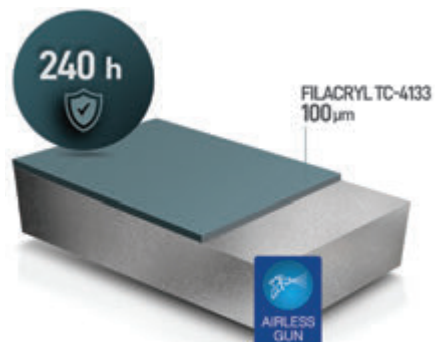
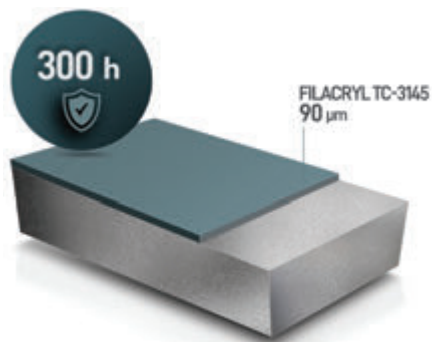


\*Systems are tested on metal surfaces that are cleaned with a solvent and slightly sanded. Corrosion resistance tests for hours are performed for different thicknesses as per requests.



Committed to  
**increasing your efficiency**  
 with our fast-drying systems and  
***eco-friendly products.***

## DTM Acrylic System Samples



\*Systems are tested on metal surfaces that are cleaned with a solvent and slightly sanded.  
 Corrosion resistance tests for hours are performed for different thicknesses as per requests.



## OTHER INDUSTRIES



### Original Equipment Manufacturers (OEM)

We provide service to automotive supply industry which expects high performance besides resistance against scratching of plungers, wheels, etc., and mechanical resistance with our product range covering several technologies enabling them to be applied on different surfaces such as phosphated, casted, metal, aluminum, etc. as a single coat.

**Recommended Product:**

**FILEPOX PR 7180**



### Valves and Pumps

We serve with our solvent-free epoxy products that can be applied on pipes, valves, storage tanks, etc. which may contact with potable water.

**Recommended Product:**

**FILAFREE EP-3100**





## Concrete Plants

We provide service to the concrete plants industry that requires resistance against impacts and yellowing, as well as brightness resistance with a wide range of products and color options.

**Recommended products:**

**FILALKYD TC-1022**

**FILEPOX PR-7140**

**FILADUR TC-4103**



## LPG Tanks

We provide service to the LPG industry that requires a high level of adhesion and flexibility with products satisfying the special needs of customers.

**Recommended products:**

**FILAPOL TC-1005**

**FILALKYD TC-1045**



## Barrels

We provide service to the barrel industry requiring mechanical and chemical resistance with our oven-cured product range.

**Recommended products:**

**FILASET TC-1005**

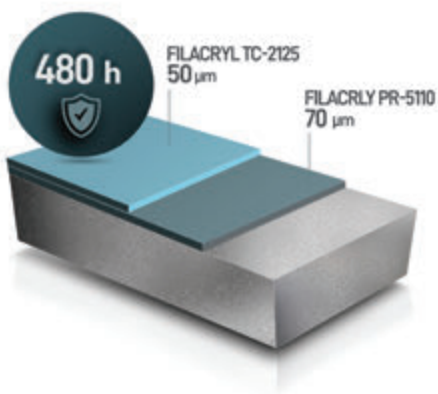
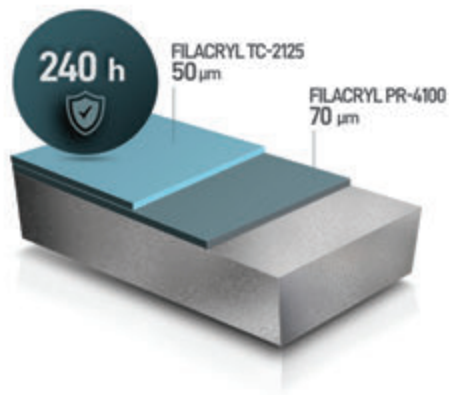
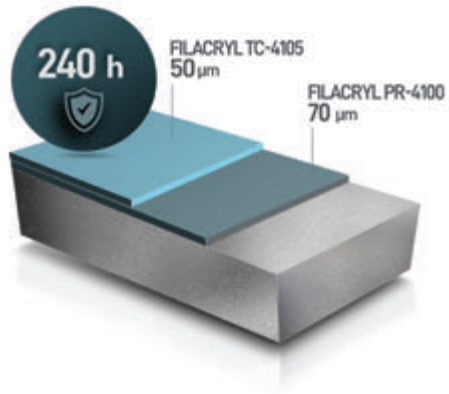


## Outdoor Advertising

We provide service to the outdoor advertising industry requiring long-lasting UV resistance, as well as physical and chemical resistance with our products that can be applied on outdoor metal surfaces.

**Recommended products:**

**FILACRYL TC-2145 / FILACRYL TC-3145**



\*Systems are tested on metal surfaces that are cleaned with a solvent and slightly sanded.

Corrosion resistance tests for hours are performed for different thicknesses as per requests.

## PRIMERS

### FILACRYL PR-4100

Two-component, acrylic-based, aliphatic isocyanate cured primer.

#### Areas of use

Designed to be used as a primer in agriculture and forestry machinery, as well as transportation equipment.

#### Properties

- Excellent adhesion
- Corrosion resistance
- Sandability

### FILACRYL PR-5110

Two-component, acrylic-based, aliphatic isocyanate cured primer reinforced with anticorrosive pigments for a higher level of corrosion protection.

#### Areas of use

It is an anticorrosive primer designed to be used in agriculture and forestry machinery, as well as transportation equipment.

#### Properties

- Excellent adhesion
- High corrosion resistance
- Sandability



# TOP COAT

## FILACRYL TC-2125

Two-component, aliphatic-acrylic-based bright top coat offering high brightness and color resistance.

### Areas of use

It can be used in applications requiring permanent brightness and UV resistance within any kind of industrial activity area such as On-board equipment, Industrial machinery, Automotive spare parts, etc.

### Properties

- Ultra high color and brightness resistance
- High UV resistance
- High brightness

## FILACRYL TC-2155

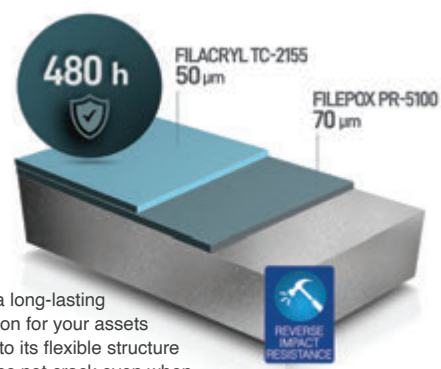
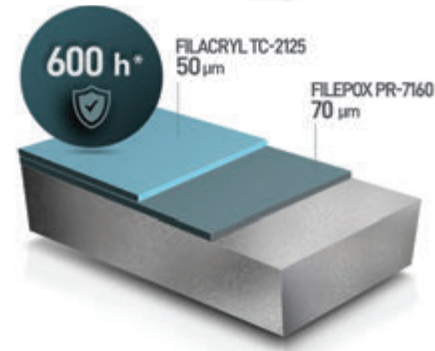
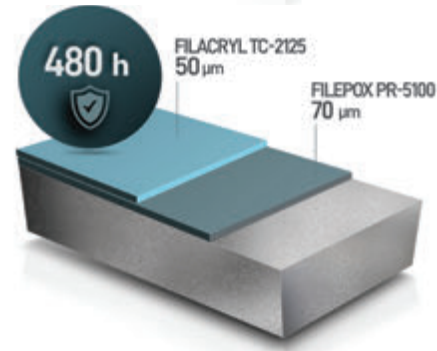
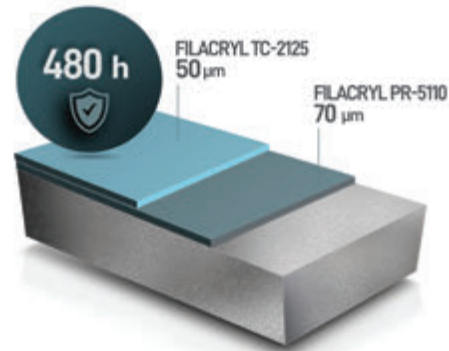
Two-component bright acrylic top coat offering outstanding corrosion resistance when used with a suitable primer, reverse impact resistance with its flexible structure and permanent brightness and UV resistance.

### Areas of use

It can be used in applications requiring permanent brightness and UV resistance within any kind of industrial activity area such as On-board equipment, Industrial machinery, Automotive spare parts, etc.

### Properties

- Ultra high color and brightness resistance
- High UV resistance
- High brightness
- Outstanding corrosion and reverse impact resistance when used with a suitable primer



Offers a long-lasting protection for your assets thanks to its flexible structure that does not crack even when exposed to reverse impacts.

\*Systems are tested on metal surfaces that are cleaned with a solvent and slightly sanded.

Corrosion resistance tests for hours are performed for different thicknesses as per requests.

## FILACRYL TC-4101

Two-component, full matte acrylic top coat offering high color and brightness resistance and a high level of mechanical resistance thanks to its flexible structure.

### Areas of use

It can be used in applications requiring permanent color and mechanical resistance in atmospheric environments exposed to high amount of UV rays within any kind of industrial activity area such as On-board equipment, Industrial machinery, Automotive spare parts, etc.

### Properties

- Ultra high color and brightness resistance
- Ultra high mechanical resistance
- Chemical resistance

## FILACRYL TC-4103

Two-component, semi-matte acrylic top coat offering high color and brightness resistance and a high level of mechanical resistance thanks to its flexible structure.

### Areas of use

It can be used in applications requiring permanent color and mechanical resistance in atmospheric environments exposed to high amount of UV rays within any kind of industrial activity area such as On-board equipment, Industrial machinery, Automotive spare parts, etc.

### Properties

- Ultra high color and brightness resistance
- Ultra high mechanical resistance
- Chemical resistance

## FILACRYL TC-4105

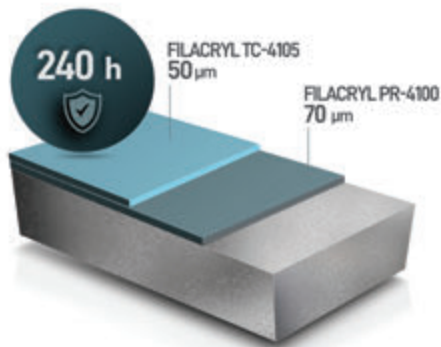
Two-component, bright acrylic top coat offering high color and brightness resistance and a high level of mechanical resistance thanks to its flexible structure.

### Areas of use

It can be used in applications requiring permanent color and mechanical resistance in atmospheric environments exposed to high amount of UV rays within any kind of industrial activity area such as On-board equipment, Industrial machinery, Automotive spare parts, etc.

### Properties

- Ultra high color and brightness resistance
- Ultra high mechanical resistance
- Chemical resistance



\*Systems are tested on metal surfaces that are cleaned with a solvent and slightly sanded.

Corrosion resistance tests for hours are performed for different thicknesses as per requests.



# DTM

## FILACRYL TC-2145

Two-component, acrylic-based, bright DTM paint that can be used directly on metal surfaces thanks to its high adhesion and that offers a high level of corrosion and chemical resistance.

### Areas of use

Activity areas requiring an outstanding adhesion strength because of heavy vibration such as agricultural machinery, on-board equipment, industrial machinery, etc., single-coat (DTM) aluminum, galvanized and steel surface applications for corrosion resistance, and any kind of area requiring a high level of UV, color and brightness resistance.

### Properties

- Excellent adhesion on aluminum and galvanized surfaces thanks to a flexible structure
- Excellent corrosion and chemical resistance
- One-coat, (DTM) direct-to-metal application creating a tough appearance
- High UV resistance

## FILACRYL TC-3145

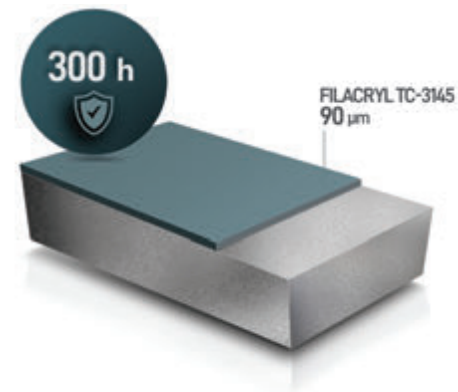
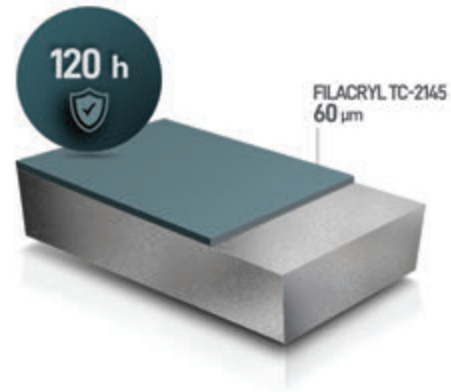
Two-component, acrylic-based, bright DTM paint that can be used directly on metal surfaces thanks to its high adhesion and that offers a high level of UV, corrosion and chemical resistance.

### Areas of use

Activity areas requiring an outstanding adhesion strength because of heavy vibration such as agricultural machinery, on-board equipment, industrial machinery, etc., single-coat (DTM) aluminum, galvanized and steel surface applications for corrosion resistance, and any kind of area requiring a high level of UV, color and brightness resistance.

### Properties

- Excellent adhesion on aluminum and galvanized surfaces thanks to a flexible structure
- Excellent corrosion and chemical resistance
- One-coat, (DTM) direct-to-metal application creating a tough appearance.
- High UV resistance

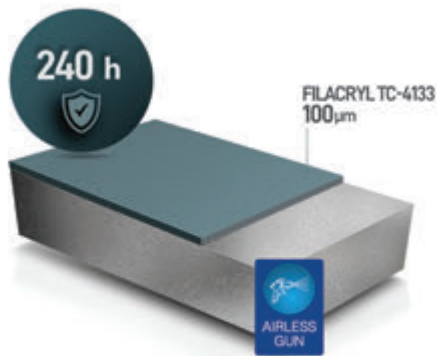


\*Systems are tested on metal surfaces that are cleaned with a solvent and slightly sanded.

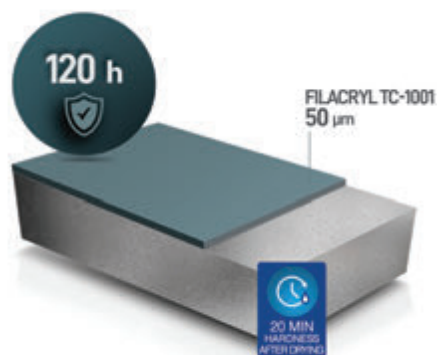
Corrosion resistance tests for hours are performed for different thicknesses as per requests.

ACRYLIC DTM

# ACRYLIC DTM



\*For a higher brightness  
FILACRYL TC-4134 series can be used.



## FILACRYL TC-4133

Two-component, acrylic-based DTM paint that can be applied directly on metal surfaces thanks to its high adhesion and that offers a high level of corrosion and chemical resistance thanks to the anticorrosive pigments it contains.

### Areas of use

Activity areas requiring an outstanding adhesion strength because of heavy vibration such as electric motors, agricultural machinery, on-board equipment, industrial machinery, etc., advertising-sign board industry, single-coat (DTM) aluminum, galvanized and steel surface applications for corrosion resistance, and any kind of area requiring color resistance.

### Properties

- Excellent adhesion on aluminum and galvanized surfaces thanks to a flexible structure
- One-coat, (DTM) direct-to-metal application creating a tough appearance.
- Ability to form a highly thick dry-film at one time
- Ease of one-coat application
- High flow resistance
- Color resistance
- Excellent corrosion and chemical resistance
- Applicable with an airless gun

## FILACRYL TC-1001

One-component, fast drying, acrylic-based full matte DTM paint.

### Areas of use

Activity areas requiring an outstanding adhesion strength because of heavy vibration such as electric motors, agricultural machinery, on-board equipment, industrial machinery, etc., and any kind of area requiring a high level of color resistance.

### Properties

- Excellent concealing properties
- Excellent adhesion on aluminum, galvanized and steel surfaces equivalent to etch cured systems
- Suitable for electrostatic applications



## FILACRYL TC-1013

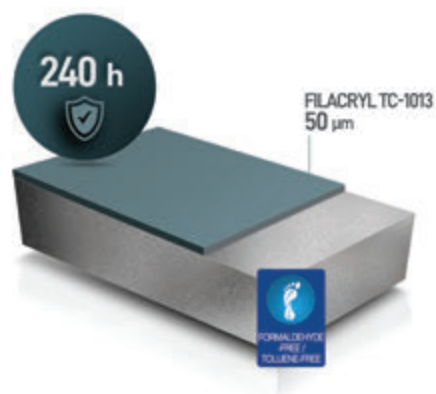
Fast drying, acrylic-based, eco-friendly DTM paint with one-component, toluene-free and formaldehyde-free formula.

### Areas of use

Activity areas requiring an outstanding adhesion strength because of heavy vibration such as electric motors, agricultural machinery, on-board equipment, industrial machinery, etc., and any kind of area requiring a high level of color resistance.

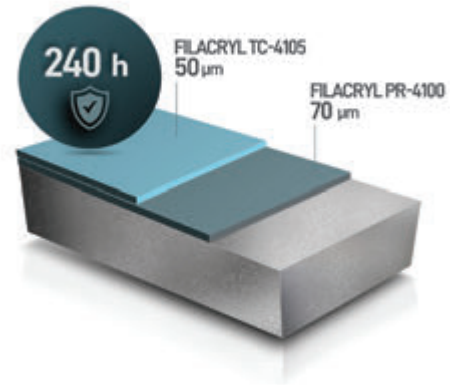
### Properties

- Toluene- and formaldehyde-free
- Excellent concealing properties
- Excellent adhesion on aluminum, galvanized and steel surfaces equivalent to etch cured systems
- Suitable for electrostatic applications

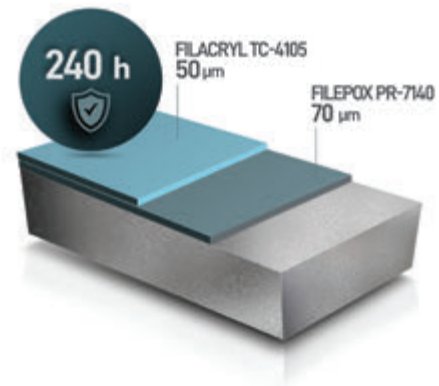


# SYSTEM RECOMMENDATIONS

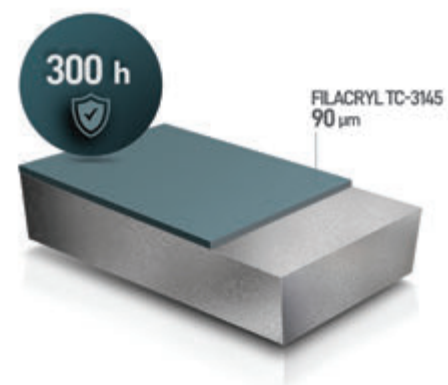
Acrylic | Acrylic Systems



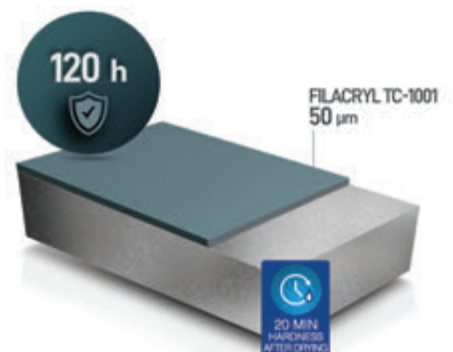
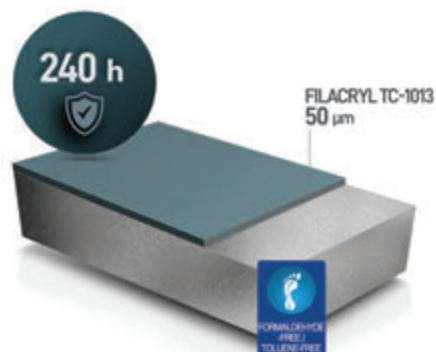
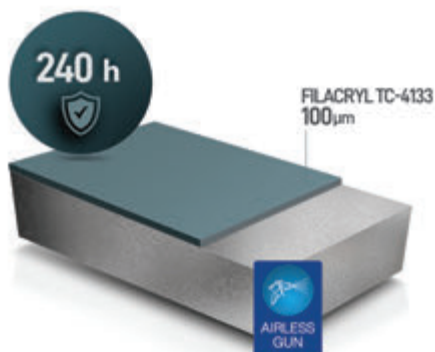
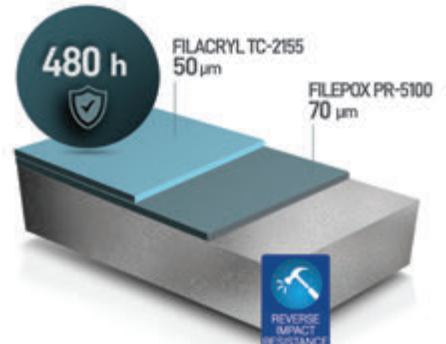
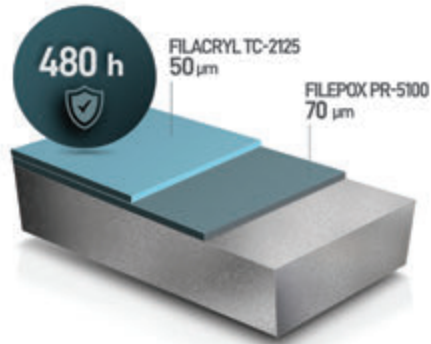
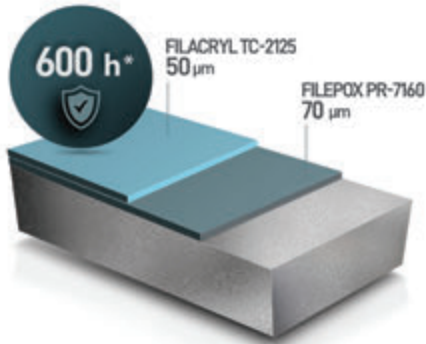
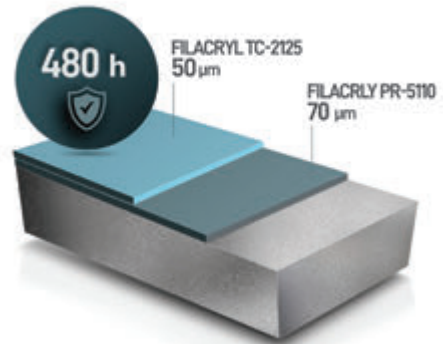
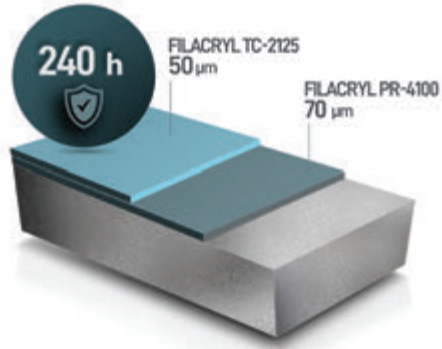
Epoxy | Acrylic Systems

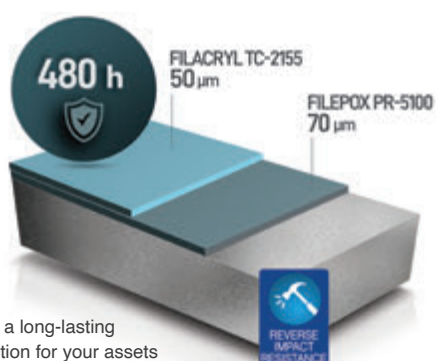
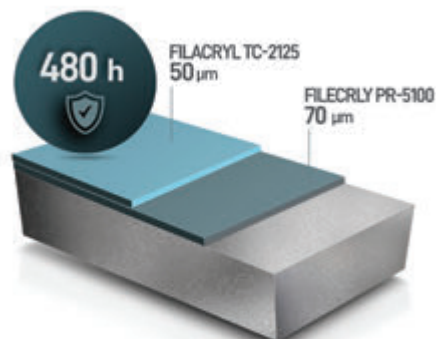


DTM | Acrylic Systems

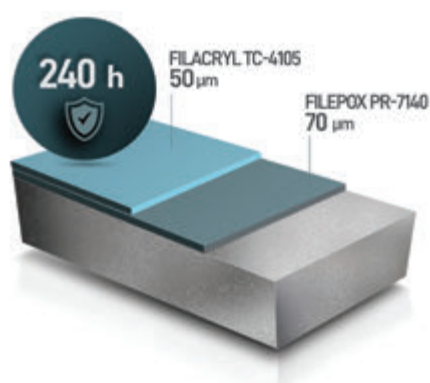








Offers a long-lasting protection for your assets thanks to its flexible structure that does not crack even when exposed to reverse impacts.



\*Systems are tested on metal surfaces that are cleaned with a solvent and slightly sanded.

Corrosion resistance tests for hours are performed for different thicknesses as per requests.

## PRIMERS

### FILEPOX PR-5100

Two-component, fast drying epoxy primer offering a high impact resistance thanks to its highly flexible structure. Displays superior adhesion on aluminum and galvanized surfaces, and can be used for wet-on-wet applications. Contains anticorrosive pigments for a better corrosion protection.

#### Areas of use

Activity areas exposed to heavy vibration such as on-board equipment, and applications requiring corrosion and impact resistance.

#### Properties

- Excellent adhesion on aluminum and galvanized surfaces thanks to a flexible structure
- Excellent corrosion resistance
- High impact and reverse impact resistance
- Fast drying
- Minimum paint loss during application thanks to lower dust emission
- Suitable for wet-on-wet application (protects the brightness of top coat paint applied on it)
- Can be applied with air or airless spray

### FILEPOX PR-7140

Two-component, sandable, polyamide-cured epoxy primer containing anticorrosive pigments.

#### Areas of use

Can be used as a primer in applications requiring corrosion resistance and sanding.

#### Properties

- Better adhesion and resistance
- Better corrosion resistance
- Sandability
- Applicability with air or airless spray



## FILEPOX PR-7160

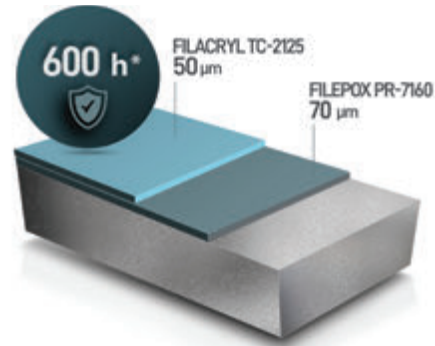
Two-component, sandable, polyamide-cured epoxy primer containing anticorrosive pigments.

### Areas of use

Can be used as a primer in applications requiring corrosion resistance and sanding.

### Properties

- Better adhesion and resistance
- Superior corrosion resistance
- Sandability
- Applicability with air or airless spray



\*Systems are tested on metal surfaces that are cleaned with a solvent and slightly sanded.

Corrosion resistance tests for hours are performed for different thicknesses as per requests.

## TOP COAT

### FILEPOX TC-4101

Two-component, polyamide-cured epoxy full matte top coat.

### Areas of use

Used as an intermediate coat and top coat paint on metal surfaces that should be protected against splashing of water, dew, oil, etc.

### Properties

- Excellent adhesion
- High resistance against wear and friction
- Resistance against sea water, mineral oils and many chemicals
- Better corrosion resistance

### FILEPOX TC-4103

Two-component, polyamide-cured semi-matte epoxy top coat.

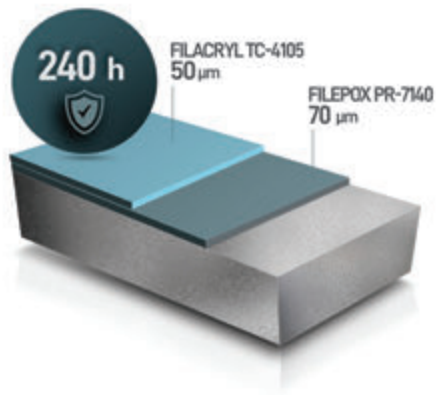
### Areas of use

Used as an intermediate coat and top coat paint on metal surfaces that should be protected against splashing of water, dew, oil, etc.

### Properties

- Excellent adhesion
- High resistance against wear and friction
- Resistance against sea water, mineral oils and many chemicals
- Better corrosion resistance

# EPOXY



\*Systems are tested on metal surfaces that are cleaned with a solvent and slightly sanded.

Corrosion resistance tests for hours are performed for different thicknesses as per requests.

## FILEPOX TC-4105

Two-component, polyamide-cured, bright epoxy top coat.

### Areas of use

Used as an intermediate coat and top coat paint on metal surfaces that should be protected against splashing of water, dew, oil, etc.

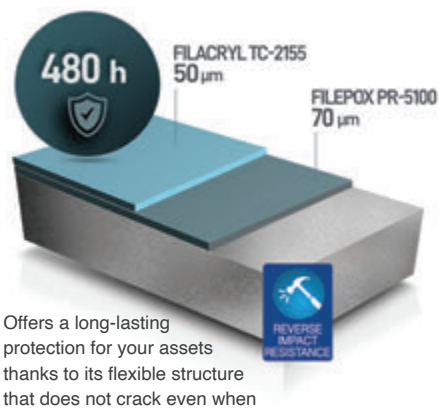
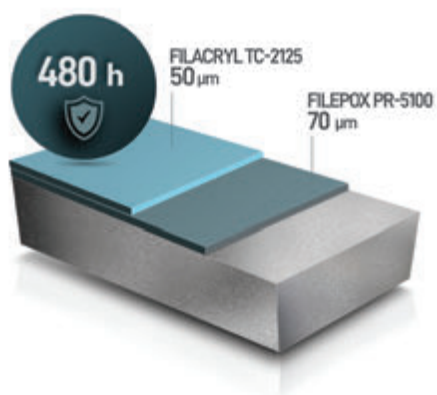
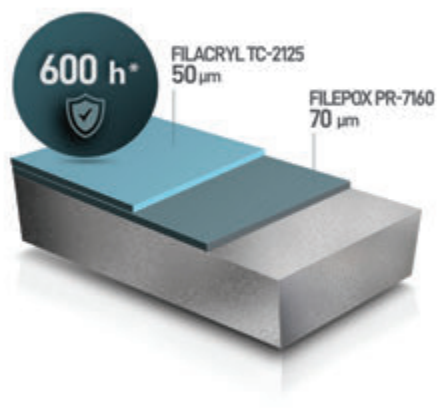
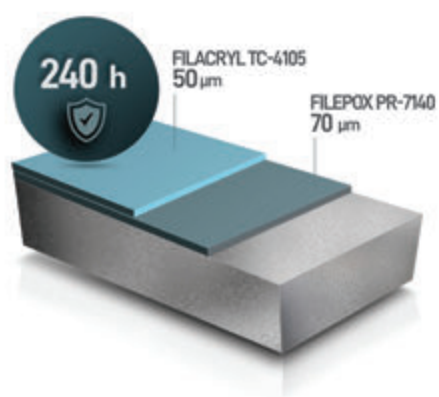
### Properties

- Excellent adhesion
- High resistance against wear and friction
- Resistance against sea water, mineral oils and many chemicals
- Better corrosion resistance.

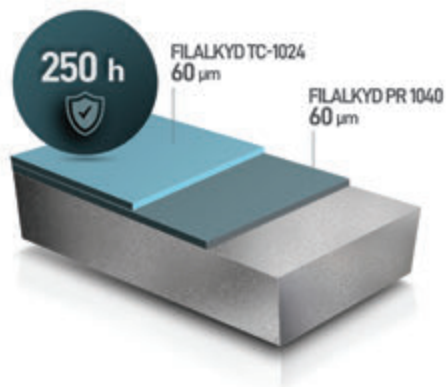
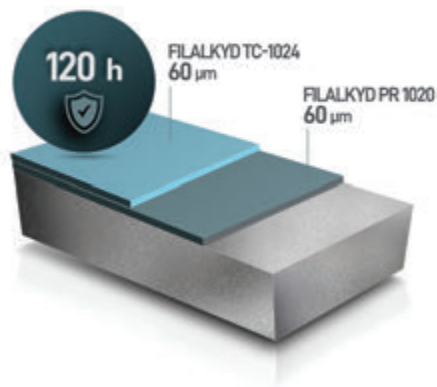


# SYSTEM RECOMMENDATIONS

## Epoxy | Acrylic Systems



Offers a long-lasting protection for your assets thanks to its flexible structure that does not crack even when exposed to reverse impacts.



\*Systems are tested on metal surfaces that are cleaned with a solvent and slightly sanded.

Corrosion resistance tests for hours are performed for different thicknesses as per requests.

## PRIMERS

### FILALKYD PR-1020

One-component, very fast drying alkyd primer suitable for medium-level corrosive environments offering a high adhesion strength.

#### Areas of use

It can be used in applications requiring fast drying within any kind of industrial activity area such as on-board equipment, industrial machinery, automotive spare parts, etc.

#### Properties

- Fast stacking thanks to very fast hard drying.
- High adhesion strength
- Suitable for use with air and airless spray

### FILALKYD PR-1030

One-component, fast drying, alkyd primer suitable for medium-level corrosive environments and immersion application offering a high adhesion strength.

#### Areas of use

It can be used in applications requiring fast drying within any kind of industrial activity area such as on-board equipment, industrial machinery, automotive spare parts, etc.

#### Properties

- Fast stacking thanks to very fast hard drying.
- High adhesion strength
- Suitable for use with air and airless spray

### FILALKYD PR-1040

One-component, fast drying alkyd primer suitable for medium-level corrosive environments offering a very smooth surface appearance and a high adhesion strength.

#### Areas of use

It can be used in applications requiring fast drying within any kind of industrial activity area such as on-board equipment, industrial machinery, automotive spare parts, etc.

#### Properties

- Very smooth surface appearance
- Fast stacking thanks to very fast hard drying.
- High adhesion strength
- Suitable for use with air and airless spray

# TOP COAT

## FILALKYD TC-1021

One-component, modified alkyd resin-based, fast drying full matte top coat paint.

### Areas of use

It can be used in applications requiring fast drying within any kind of industrial activity area such as on-board equipment, industrial machinery, etc.

### Properties

- Fast stacking thanks to very fast hard drying.

## FILALKYD TC-1022

One-component, modified alkyd resin-based, fast drying matte top coat paint.

### Areas of use

It can be used in applications requiring fast drying within any kind of industrial activity area such as on-board equipment, industrial machinery, etc.

### Properties

- Fast stacking thanks to very fast hard drying.

## FILALKYD TC-1023

One-component, modified alkyd resin-based, fast drying semi-matte top coat.

### Areas of use

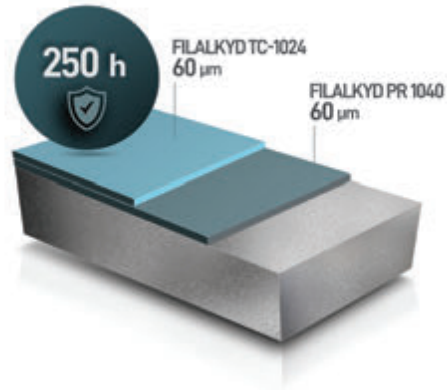
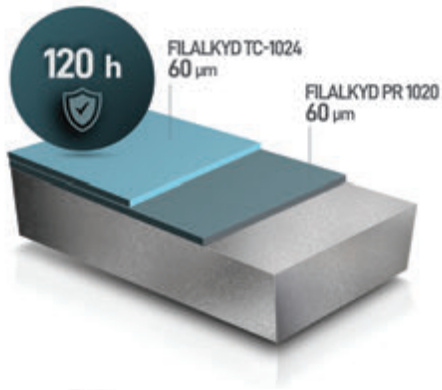
It can be used in applications requiring fast drying within any kind of industrial activity area such as on-board equipment, industrial machinery, etc.

### Properties

- Fast stacking thanks to very fast hard drying.

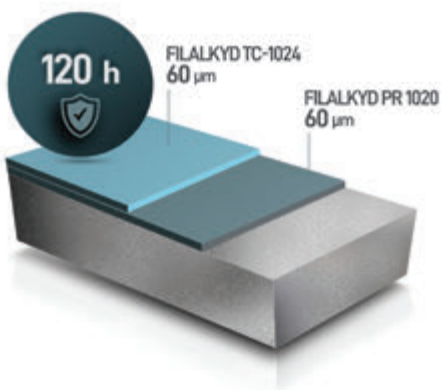






## SYSTEM RECOMMENDATIONS

### Alkyd Systems



\*Systems are tested on metal surfaces that are cleaned with a solvent and slightly sanded.

Corrosion resistance tests for hours are performed for different thicknesses as per requests.

### FILALKYD TC-1024

One-component, modified alkyd resin-based, fast drying semi-bright top coat.

#### Areas of use

One-component, modified alkyd resin-based, fast drying semi-bright top coat.

#### Properties

- Fast stacking thanks to very fast hard drying.

### FILALKYD TC-1025

One-component, modified alkyd resin-based, fast drying bright top coat.

#### Areas of use

It can be used in applications requiring fast drying within any kind of industrial activity area such as on-board equipment, industrial machinery, etc.

#### Properties

- Fast stacking thanks to very fast hard drying.

## FILALKYD TC-1052

One-component, fast drying, alkyd resin-based one-coat\* paint that can be applied with air or airless spray directly on metal surfaces as a single coat and that offers a high level of corrosion resistance with its anticorrosive structure.

\* Not recommended to be used as a primer. It may cause to wrinkles in top coat application.

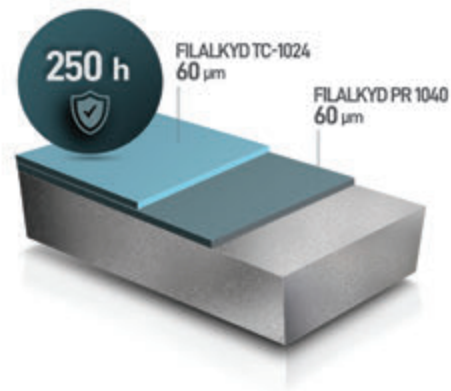
### Areas of use

It can be used for one-coat applications on metal surfaces for fast drying and highly thick film formation at one time with an airless gun.

### Properties

- One-coat application without a primer
- High corrosion resistance
- Excellent adhesion on metal surfaces
- Very fast drying and hard coating
- Applicability with air or airless spray

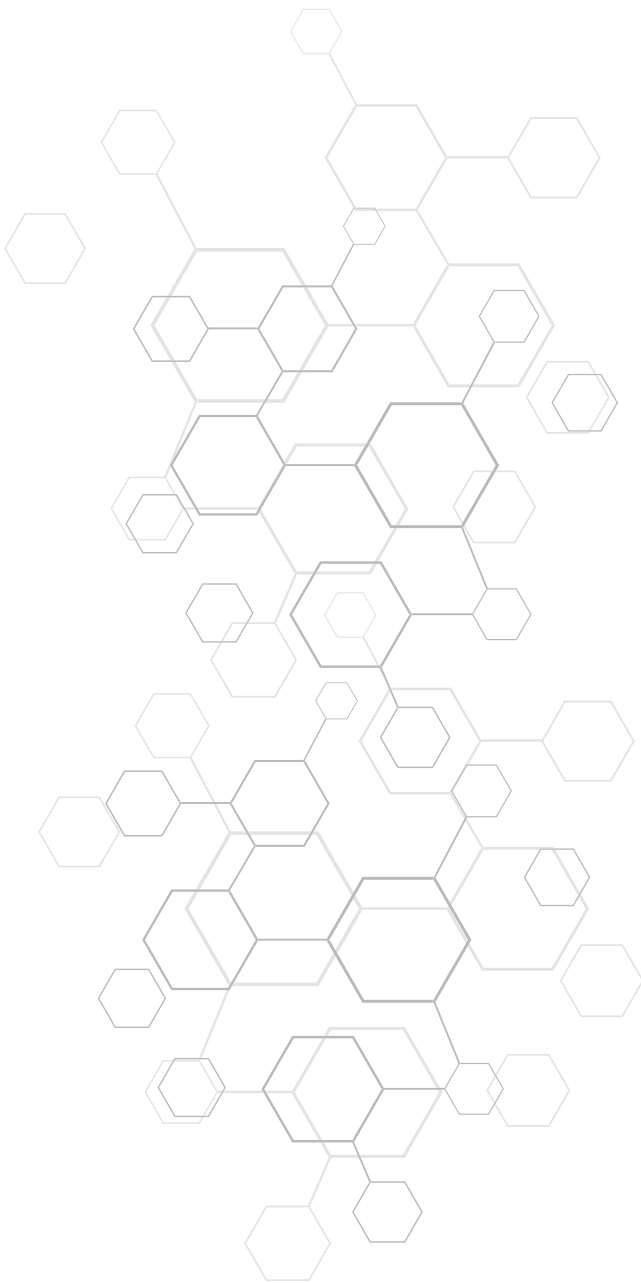
## SYSTEM RECOMMENDATIONS Alkyd Systems



\*Systems are tested on metal surfaces that are cleaned with a solvent and slightly sanded.

Corrosion resistance tests for hours are performed for different thicknesses as per requests.

# POLYURETHANE



Please get in contact with your regional sales team for detailed information on product ranges designed for different usage areas such as synthetic, cellulosic, water-based, thermoset, polyester, solvent-free epoxy and silicone products.

[info@nipponpaint-industrialgroup.com](mailto:info@nipponpaint-industrialgroup.com)

## TOP COAT

### FILADUR TC-4101

Two-component, aliphatic polyurethane resin-based, fast drying, full matte top coat offering permanent color resistance.

#### Areas of use

It can be used on surfaces requiring high color and chemical resistance as a top coat within any kind of industrial activity area such as On-board equipment, Industrial machinery, Automotive spare parts, etc.

#### Properties

- Color resistance
- Coating hardness after drying
- Chemical resistance

### FILADUR TC-4103

Two-component, aliphatic polyurethane resin-based, fast drying, semi-matte top coat offering permanent color resistance.

#### Areas of use

It can be used on surfaces requiring high color and chemical resistance as a top coat within any kind of industrial activity area such as On-board equipment, Industrial machinery, Automotive spare parts, etc.

#### Properties

- Color resistance
- Coating hardness after drying
- Chemical resistance and stacking

### FILADUR TC-4105

Two-component, aliphatic polyurethane resin-based, fast drying, bright top coat offering permanent color resistance and high UV resistance.

#### Areas of use

It can be used on surfaces requiring high color, brightness and chemical resistance, as well as in corrosive environments exposed to UV rays as a top coat within any kind of industrial activity area such as On-board equipment, Industrial machinery, Automotive spare parts, etc.

#### Properties

- Ultra high color and brightness resistance
- Superior UV resistance
- Coating hardness after drying
- Chemical resistance



Just  
imagine







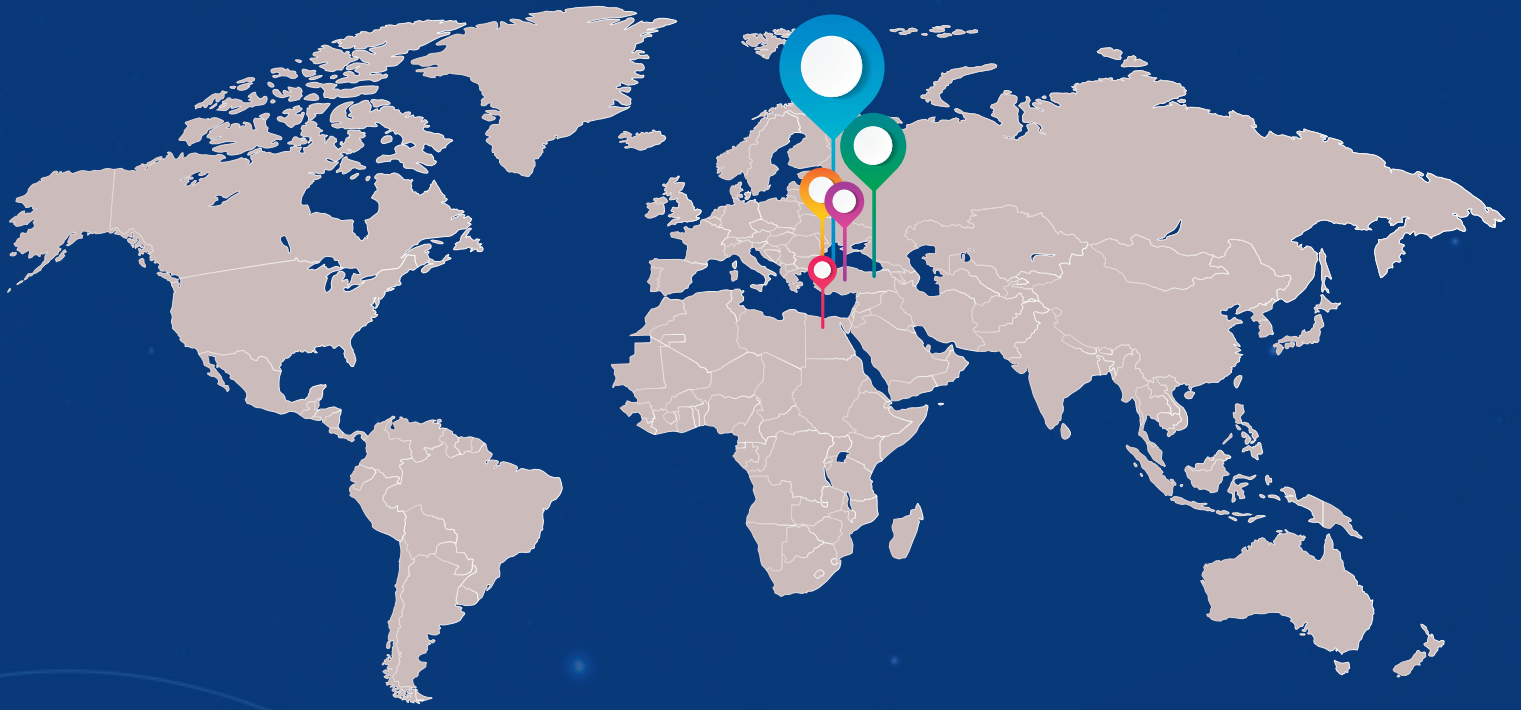
**NIPPON PAINT**  
**INDUSTRIAL GROUP**



**INDUSTRIAL COATINGS**

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Published in 2023



**01** Balıkesir (2019)

Stonewool  
 Area: 73,665 m<sup>2</sup>  
 Closed Area: 2,200 m<sup>2</sup>  
 Capacity: 40,000 metric tons/year

**02** Gebze 1 (2004)

Decorative Paints,  
 Wooden Coating, Varnish,  
 Industrial Paints,  
 Adhesives & Binders  
 Area: 103,000 m<sup>2</sup>  
 Closed Area: 50,000 m<sup>2</sup>  
 Capacity: 350,000 metric tons/year

**Gebze 2 (2009)**

Dry Mortar, EPS  
 Area: 49,000 m<sup>2</sup>  
 Closed Area: 40,000 m<sup>2</sup>  
 Capacity: 250,000 metric tons/year Dry Mortar,  
 800,000 m<sup>3</sup>/year EPS

**03** Kayseri (2012)

Dry Mortar, EPS  
 Area: 104,000 m<sup>2</sup>  
 Closed Area: 18,000 m<sup>2</sup>  
 Capacity: 350,000 metric tons/year Dry Mortar,  
 850,000 m<sup>3</sup>/year EPS

**04** Rize (2017)





Dry Mortar  
 Area: 5,500 m<sup>2</sup>  
 Closed Area: 1,750 m<sup>2</sup>  
 Capacity: 50,000 metric tons/year

**05** Egypt (2005)

Decorative Paints  
 Area: 11,000 m<sup>2</sup>  
 Closed Area: 6,200 m<sup>2</sup>  
 Capacity: 26,000 metric tons/year



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