



WOOD COATINGS

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



kubilaykimya



kubilayboya



kubilayboyakimya

# About Us





## About Us

The foundations of our company were laid in 1984, when our current Chairman of the Board, Hasan BİLGİÇ started selling wood coatings in a small retail store in Ankara, Sıteler with strong encouragement from his father, **Mehmet BİLGİÇ**. As a customer-oriented coatings retail store with high quality service, Kubilay Boya has achieved continuous growth and became a rising power in the wood coatings market in Ankara in the 1990s.

Kubilay Boya has demonstrated examples of successful crisis management in local and global economic crises happened since 1994. Although crises are difficult times in which many of our competitors chose to discontinue their sales, we stood by our business partners nonstop, no matter how uncertain the future is. Those who say what we can do in this uncertain environment, if they know how to see, there is definitely a light at the end of a tunnel. It is crucial to react quickly to developments and changes, and the **KUBİLAY BOYA FAMILY** has always come out of all these crises stronger by doing so.

In 2001, Kubilay Boya partnered with a coating manufacturer and started production in İzmir. In 5 years of successful partnership, together they became one of the major manufacturers in Turkish wood coatings market.

Thereafter, a decision to build a new facility was made due to insufficient capacity, however, this decision ended the partnership between the two companies. Therefore, in October 2005, Kubilay Boya **started production** in its own facility in Aliağa Organized Industrial Zone and **KUBİLAY** branded products entered into the market.

Kubilay Boya Family is now the leader in Turkish wood coatings market with its own stores located in major furniture production cities including Ankara, İnegöl, Antalya, Samsun, Kayseri and İstanbul. Kubilay Boya, continuously puts effort into providing highest quality products to its business partners with the advantage of carrying out both production and sales activities.

Thanks to our own sales centers and a widespread dealer network, our products are now the trendsetters, they are followed and even imitated in the market.

Our company, which aims to reach the quality and service standards of Western countries as a necessity of dynamically changing economic conditions of global economy, has taken important steps towards becoming a world-class company by co-operating with multi-national companies.

We'd like to share following information about current furniture industry in Turkey and future outlook of furniture industry in the world:

According to Istanbul Chemicals and Chemical Products Exporters' Association (IKMİB), in 2019, Turkey has 36,000 medium and large furniture manufacturers, 10,500 of these are exporters. Furniture production in Turkey is approximately 12 billion USD market and about 30% of the production, which corresponds to 3.5 billion USD, is exported. It is predicted that Turkey's exports will reach 10 billion USD in the next 5 years. Therefore, furniture production in Turkey will grow quickly with an export-oriented mentality. In addition to this, the importance of wood is now better understood during COVID-19 pandemic. Turkish furniture is currently has the best quality and price match in the world. Western countries setting some trade barriers on China increases the importance of Turkish furniture even more.

As Kubilay Boya, responding to the needs of furniture manufacturers who are trying to innovate in ever changing world is our top priority.

We are extremely sensitive to the environment and human health and this has always been our priority in our R&D studies. In addition to our existing ISO and TSE certificates, in 2010 we obtained ISO 14001 Environmental Management System Certificate, which proves our commitment to the environment, health and safety.

In conclusion, as a coatings and chemicals company, we will continue to create solutions to all demands of our valued business partners, believing that we will achieve more with the energy of our youth and the experience of our staff.

# Quality, Environment and OHS Policy



ISO 9001-2015



ISO 14001-2015



OHSAS 18001-2007



TSE 789



TSE 9720



## Quality, Environment and OHS Policy

**Kubilay Boya** makes production by adopting the principle of preventing environmental pollution that may occur during our activities without harming the ecological balance in all its activities. We make process and process improvements in order to minimize the use of natural resources.

By minimizing our waste at its source, it is ensured that it is reused and recycled whenever possible, and that non-utilizable wastes are disposed of through licensed companies.

Our Environmental and Occupational Health and Safety activities maintain their sustainability through annual internal audit and process improvement meetings.

While carrying out all of our activities from design to distribution in a way that minimizes its negative impact on the environment, we also continue to work to develop environmentally friendly products and technologies.

Our company fully complies with the current environmental legislation regarding air, water and soil pollution that may arise from its activities. All necessary technical and organizational measures are taken in order to work in accordance with legal limits.

All waste generated at the facility are classified, stored, transported and disposed of in accordance with regulations. Looking for the recovery/recycling possibilities of waste in accordance with the principle of sustainable development is the primary goal of our company. The raw materials used in the production processes are determined in a way that will not harm the environment and nature, and work is carried out without harming the environment and nature at all production stages.

**Kubilay Boya** continues its activities in a way that prevents harm to the health of its employees and other people affected by its activities and strives to prevent accidents and dangerous events that may occur in the activities of its employees and subcontractors. Meanwhile, aims to protect the environment and to use natural resources effectively by preventing/reducing the impact of its activities and products on the environment with appropriate design, production, distribution, use and disposal practices.

**Kubilay Boya** continues its activities with the principles of “**RESPECT FOR NATURE and ENVIRONMENT**”, “**HUMAN FIRST**”, “**SAFETY FIRST**” with the responsibility brought by its field of activity. Based on these principles we commit;

- To comply with the national and international legal requirements, standard conditions, the conditions of the organizations we are a member of and the conditions of other parties on Environment and Occupational Health and Safety,
- To carry out studies that will reduce the use of natural resources for a sustainable environment, prevent environmental pollution, use energy resources in the most efficient and economical way, and make process and process improvements in order to minimize the use of natural resources.
- To take the necessary measures and make investments to create a healthy, safe and sustainable working environment.
- To prioritize environmental and occupational safety requirements in the product development process,
- To provide training and services that will increase the awareness of the subcontractor and all its stakeholders, especially the employees, on health, safety and environmental issues,
- Developing the Quality, Environment and Occupational Health and Safety awareness of our employees and making the Integrated Management System a philosophy of life.
- To ensure the participation of employees and employee representatives in the execution of Occupational Health and Safety processes.
- To determine and review risks that may threaten occupational health, safety and the environment in advance.
- To set health, safety and environmental targets and to periodically review the targets in order to ensure continuous improvement,
- To primarily create recycling opportunities for the wastes arising from its processes and products, to carry out classification, separation and disposal activities in a controlled manner and in accordance with waste characteristics.

Based on these commitments, Kubilay Boya has documented its system with ISO 14001 and ISO 45001 standards in order to standardize its activities and ensure its continuity, and continues to work for a sustainable world with the support of its management and the sensitivity of its employees.

## Wood Coating Systems





## Wood Coating Systems

"Wood Coating" is the painting and polishing process that is carried out to ensure that wood and its derivative materials are protected both aesthetically and functionally under both DIY and industrial conditions (prepared film coating methods such as membrane, lamination, etc. are excluded from our job description) will be briefly referred to as wood coating systems.

Coating techniques applied to protect wood date back centuries. The polishing process with natural products such as resin obtained from trees evolved into synthetic paints and varnish coatings following the development of polymer science in the 1920s, however after the 1990s, with the increase in environmental awareness, the transition to systems that offer sustainable solutions such as water-based, high solids and zero VOC began. In recent times, this transition continues at an accelerating rate.

Wood coating systems functionally cover a wide range of products including colorants, varnishes, paints and auxiliary products and different chemical alternatives of all these functional products.

As a natural and environmental-friendly building material, the most common use of wood and its derivatives is in the furniture and construction industry. When the purpose of home and office furniture from past to present is to design by revealing the naturalness of wood, the product that will serve this purpose is varnish systems. Over time, with the change of trends and the use of wood-derived materials such as medium-density fiberboard (MDF), paint systems called lacquer began to be widely used.

It is important to consider the factors listed below in the selection of the right product in wood coating systems where there is a large variety of products.

**Type of wood or its derivative:** There are wood and its derivatives such as solid wood, solid wood veneer, MDF, laminated veneer. The type of solid wood also plays a role, especially its porosity is critical in choosing the right varnish system.

**The place where coating is applied:** Coatings are applied on-site (home) and original equipment manufacturer (OEM).

**The environment in which coating is applied:** It is divided into two as indoor and outdoor.

**Target ultimate performance:** the properties required by the end user, physical, mechanical and chemical durability, yellowing resistance and optical properties (dispersion, image clarity (DOI)), touch and gloss, opacity and color product selection should be made taking into account abovementioned and other optional features. Adhesion is not emphasized separately, as excellent it is a must.

**Application Efficiency:** Factors such as covering/filling power and processing speed (drying, paste-polish, stackability) determine the application efficiency.

**Application Method:** The place where the coating will be applied, the shape of the material to be coated and the thickness of the application and the application efficiency come into play as a sub-factor.

According to these factors, the products to be preferred and their features are;

**Type of wood or its derivative:** If it is solid wood or solid wood veneer, varnish system should be preferred. However, if the substrate is MDF or laminated coating, paint system should be preferred. In a very general sense, the components of the varnish system, starting from the wooden surface, are respectively; colorant, sanding sealer, intermediate primer (optional) and topcoat varnish. However, in outdoor wood systems, impregnation is preferred as the first treatment. Components of the paint system, starting from the MDF surface, respectively; primer, intermediate coat (optional) and topcoat paint. If the floor is laminated MDF, it can be a direct topcoat. In both systems, barrier varnish applications can be included in the application to increase the adhesion of the products to the surface.

**The place where coating is applied:** In places where there is no industrial painting system infrastructure (especially home and amateur workshops), water-based paint varnish systems allow the choice of water. and however, in an organized equipment manufacturer (OEM), water or solvent based coating systems can be selected which will also respond to other factors.

**The environment in which coating is applied:** If it is outdoors, it is absolutely necessary to choose water or solvent-based paint/varnish systems that are resistant to external weather conditions.

**Target ultimate performance:** The final performance expected from the coating largely depends on the use of the wooden material (furniture, joinery, etc.) and the location (home, office, garden, etc.) as well as the chemical structure of the paint/varnish system. Nitrocellulose, acrylic, polyurethane (alkyd, polyester, acrylic), unsaturated polyester (especially used in floor paints and varnishes such as primer and sanding sealer), UV (if the infrastructure of the organization is suitable) system options are available.

**Application Efficiency:** Covering/filling power, drying speed, paste-polish time, stacking time are the properties that affect the operational performance of paint and varnish systems.

**Application Method:** While the chemical structure of the paint and varnish system plays a primary determining role in this parameter, which is affected by many factors, other secondary parameters such as the place of application, the model of the substrate to be painted and the paint/varnish thickness to be applied are also effective. To give just a few examples; the common method preferred especially in industrial organizations is manual or automatic spraying method. Very fast drying paint and varnish systems are difficult to apply with brush and roller, but are preferred for DIY applications. The place where the coating will be applied, the shape of the material to be coated and the application efficiency come into play as a sub-factor. Curtain and roller application is the most accurate application method in order to ensure homogeneous film thickness on flat and relatively large sheet type surfaces. In determining the appropriate method, the environment which coating is applied and the shape of the substrate are also the parameters that should be considered as sub-factors of application efficiency. Curtain and roller application is the most accurate application method in order to ensure homogeneous film thickness on flat and relatively large sheet type surfaces. However, it varies according to the place environment where coating is applied; If it will be applied in the OEM, the appropriate one can be selected from curtain and industrial roller, while if on-site application will be made, only manual roller should be preferred.

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Nitrocellulose  
Systems



## NITROCELLULOSE SYSTEMS

Nitrocellulose coatings are one-component (1K), nitrocellulose and synthetic resin based system which dry fast by evaporation of solvent. They are ultra-fast and cost-effective. However, they have low chemical resistance and tendency to loss of gloss and yellowing.

### Points to Consider in Use

- Using recommended thinner.
- Should not be applied too thick.
- If polyurethane or acrylic systems are going to be applied on top of nitrocellulose sealer or primer, application should be carried out after 24 hours.

### Nitrocellulose Varnishes and Paints

Product Name	Series / Code
FC Super Sanding Sealer	634-0007
Consealer Cellulosic Sanding Sealer	614-0005
Cellulosic Clear Topcoats (Super Glossy - Silk Matte - Matte)	615-XXXX
Cellulosic Primers	612-XXXX
Consealer Cellulosic Primer	612-1010
Cellulosic Topcoats*	611-XXXX
Cellulosic Thinner	961-XXXX

\* In addition to our standard color catalog, additional colors can also be made.

FC Cellulosic Sanding Sealer (634-0007) is clear coating which is used to cover sanding marks on light-colored wooden surfaces.

Consealer Cellulosic Sanding Sealer (614-0005) has high filler content. It is used on dark-colored wooden surfaces.





## Polyurethane Systems



## POLYURETHANE SYSTEMS

Polyurethane resin based, two-component (2K) systems which are cured by chemical reaction.

Have **very high** physical and chemical resistance.

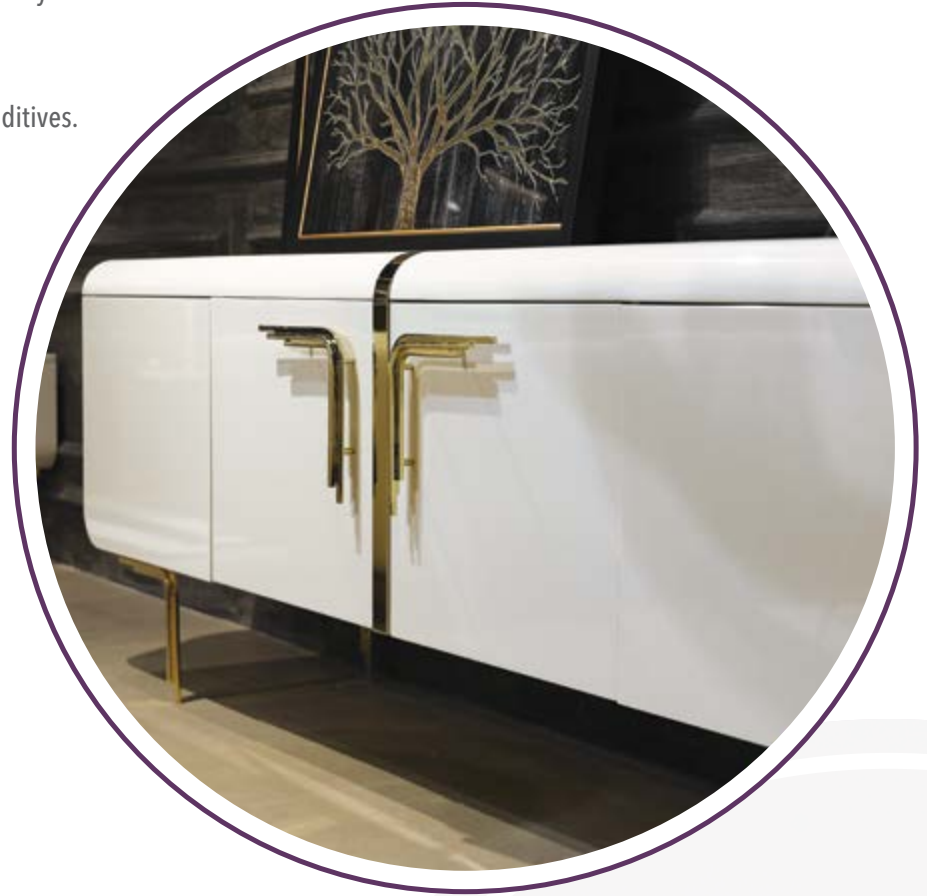
Have low tendency to loss of gloss and yellowing.

Non-yellowing systems are available owing to special hardener and additives.

Cost-effective due to high solid content.

### Points to Consider in Use

- Using recommended thinner
- Be sure to use the specified hardener in the specified amount
- Using the prepared mixture within the specified time and completing it
- Not to use yellowed/thickened hardeners



## POLYURETHANE SANDING SEALERS

A wide range of products that satisfy the needs in filling power, adhesion, transparency, anti-popping, drying speed and sanding convenience, depending on the properties of the wooden surfaces used in order to prepare solid wood surfaces for the application of topcoat varnish in polyurethane varnish-applied interior furniture and decoration works.

### **Polyurethane Special Sanding Sealer (244 - 0054)**

It is a special, easy-to-sand sanding sealer developed for wooden surfaces such as chair, coffee table and furniture accessories where hand sanding is frequent.

### **Polyurethane FC Sanding Sealer ( 224 - 0052)**

It is a sanding sealer which is easy-to-sand, has high filling power and gives a hard, smooth and plump surface for clear topcoat systems. Developed for porous wooden surfaces such as oak, mahogany and rose.

### **2K Filler S Sanding Sealer (274 - 0063)**

It is a sanding sealer which is very easy-to-sand and has ultra-high filling power. Developed to provide smooth and plump surfaces on panel and steel doors.

### **Polyurethane S Sanding Sealer (264 - 0050)**

It is a clear sanding sealer which is easy-to-sand and has filling power. Developed for very special tropic massive or coated wooden surfaces where natural appearance and depth of wood is desired to be revealed.

### **Polyurethane VIP Sanding Sealer (294 - 0050)**

It provides excellent adhesion and easy to sand especially in hot temperatures and high humidity. Does not cause pinhole, milkiness and whitening even in thick applications.



## POLYURETHANE CLEAR TOPCOATS

Provide alternative options to meet many different expectations with its wide range of matte-gloss options, allowing it to be optimized in terms of application efficiency such as filling power and process speed in interior varnished furniture and decoration works, depending on where it is used, the required final performance characteristics such as physical, mechanical and chemical resistance, yellowing resistance, optical and haptic properties.

### Polyurethane Vernidur Clear Topcoat

Product Name	Mixing Ratio	Comp. A	Comp. B
Super Matte (06 Matte) Varnish	4+1	245-0636	379-0032
Matte Varnish	4+1	245-1036	379-0032
Matte (015 Matte) Varnish	4+1	245-1536	379-0032
Special Matte Varnish	4+1	245-2536	379-0032
Silk Matte Varnish	4+1	245-4536	379-0032
Special S. Matte Varnish	4+1	245-5536	379-0032
Satin Silk Matte Varnish	4+1	245-7036	379-0032

- Provides scratch resistant-slippery, silky-velvety appearance to the wooden surfaces, optionally with different gloss values.
- Easily applied, gives a homogeneous surface and dries fast.
- For repair purpose applications, does not wrinkle.
- Due to its polyurethane structure; forms a hard-resistant film against physical effects and resistant to water, detergent and all other chemicals.



## Polyurethane Clear Topcoat

Product Name	Mixing Ratio	Comp. A	Comp. B
Super Matte (06 Matte) Varnish	3+1	215-0637	379-0032
Matte Varnish	3+1	215-1037	379-0032
Matte (015 Matte) Varnish	3+1	215-1537	379-0032
Special Matte Varnish	3+1	215-1537	379-0032
Silk Matte Varnish	3+1	215-4537	379-0032
Special Silk Matte Varnish	3+1	215-5537	379-0032

- Provides scratch resistant-slippery, silky-velvety appearance to the wooden surfaces, optionally with different gloss values
- Due to its polyurethane structure; forms a hard-resistant film against physical effects and resistant to water, detergent and all other chemicals.
- For repair purpose applications, does not wrinkle.



## Polyurethane Exclusive Clear Topcoat

A two-way varnish system that can meet the yellowing resistance and cost expectations with its alternative hardener options.

265 Exclusive (2+1) Matte Varnishes are a product group that is higher than all existing PU alkyd and PU acrylic varnishes in terms of filling power, which can be approached to the yellowing resistance of acrylics with the preferred hardener, in the color of acrylic varnishes. Another feature that distinguishes it from other PU varnish series is that it does not cause color change on the surfaces it is applied to, as it is as light in color as acrylic. The features expected from matte varnish systems, such as touch, homogeneous opacity, transparency, scratch resistance, etc. are at a high level. Its stackability and repairability properties are in line with other matte varnish systems. According to the type of hardener to be used, it has a two-way feature that can meet the yellowing resistance and cost expectations. Drying speed and gloss results are adjusted to be minimally affected by the hardener used.

PRODUCT NAME	GLOSS (Gloss/60°)	209-0530 Exclusive, Non-Yellowing Hardener	379-2028 Exclusive Hardener
Silk Matte	40 - 45	265-4547 Exclusive NY PU (2+1) Topcoat Silk Matte Varnish	265-4548 Exclusive K PU (2+1) Topcoat Silk Matte Varnish
Special Matte	20 - 25	265-2547 Exclusive NY PU (2+1) Topcoat Special Matte Varnish	265-2548 Exclusive K PU (2+1) Topcoat Special Matte Varnish
Matte	10	265-1047 Exclusive NY PU (2+1) Topcoat Matte Varnish	265-1048 Exclusive K PU (2+1) Topcoat Matte Varnish
Super Matte	05	265-0547 Exclusive NY PU (2+1) Topcoat Super Matte Varnish	265-0548 Exclusive K PU (2+1) Topcoat Super Matte Varnish

- Gives a slippery, silky touch and appearance to wooden surfaces.
- Has very high solid content. Therefore, gives a full film on a single layer and provides efficiency.
- Provides homogeneous mattness and transparency.
- Has high scratch and impact resistance.
- Resistant to water, fruit juice and cleaning agents.
- Has high sag resistance in vertical applications.
- Light colored- does not cause any color change on the applied surface.



## Polyurethane Glossy Clear Topcoats

Product Name	Mixing Ratio	Comp. A	Comp. B
Vernidur Super Glossy Varnish	1+1	255-0001	379-0032
Vernidur Extra Glossy Varnish	2+1	255-0002	379-0028
VIP 2K Ultra Glossy Varnish	1+1	295-0005	209-0343
Exclusive PU Glossy Varnish	1+1	265-0001	209-0351

- Polyurethane glossy varnishes provide high-gloss, slippery, scratch-resistant and deep appearance to surfaces.
- Resistant to water, fruit juice and cleaning agents.

### VIP 2K Ultra Glossy Varnish / Exclusive PU Glossy Varnish

- Has very high solid content.
- Gives a full film on a single layer and provides efficiency.
- Has very high scratch and impact resistance.
- Light colored- does not cause any color change on the applied surface.
- Suitable system for human health and environment due to high solid and low volatile organic compound (VOC) content.
- In addition to its very high yellowing resistance, provides a plump and tough surface with high gloss retention, spreading and distinctness of image.
- Can be paste-polished 24 hours after the application.



## POLYURETHANE PIGMENTED PRIMERS

A wide range of products that can also be used to prepare the surface for PU pigmented topcoat applications in interior wood coating and decoration works on MDF and solid wood substrates to meet the different requirements in hiding power, elasticity (for non-cracking), drying speed and ease of sanding.

Product Name	Mixing Ratio	Comp. A	Comp. B
VIP Non-Crack Primer	2.5+1	292-XXXX	219-1025
PU Pigmented Primer	3+1	212-XXXX	219-1025
VIP Fon Primer**	4+1	292-X2XX	209-0020
PU Fast Primer (White)	3+1	212-1014	219-1025

\* In addition to our standard color catalog, additional colors can also be made.

### VIP NON-CRACK Primer (292-XXXX)

Two-component PU-based primer.

Due to its high hiding and filling power, requires less application. (e.g. 2 layers instead of 3 layers)

Easily sanded to obtain smooth surface prior to topcoat applications, allowing you to save time and labor.

A "NON-CRACKING" primer coating system to prevent cracking which frequently occurs in cold and humid conditions on cavitory wooden surfaces, including MDF.



### VIP Fon Primer\*\* (292-X2XX)

Two- component PU based fon (intercoat) primer.

Has high filling power.

\*\*Covers the sanding marks of the primer paint, eliminating the appearance of sanding marks after topcoat applications.

Dries very quickly.

### PU Pigmented Primer (212-XXXX)

Two-component PU-based primer.

Has high filling power.

Adheres strongly to wooden surfaces, especially MDF and easy-to-sand.

Provides a smooth surface for topcoat applications.

### VIP PU FAST Primer (212-1014)

Two-component PU-based primer.

Has high filling power.

Strong adhesion to wooden surfaces.

Dries very quickly, very easy-to-sand.



## POLYURETHANE PIGMENTED TOPCOATS

Provide alternative options to meet many different expectations with its wide range of matte-gloss and color options, allowing it to be optimized in terms of application efficiency such as hiding power and drying speed (in interior lacquer furniture and decoration works, depending on where it is used, the required final performance characteristics such as physical, mechanical and chemical resistance, yellowing resistance, optical and haptic properties.

### Polyurethane Series (211-XXXX)

Product Name	Mixing Ratio	Comp. A	Comp. B
Glossy White	2+1	211-1001	379-0032
Silk Matte White	4+1	211-1002	379-0032
Matte White	4+1	211-1003	379-0032
Super Matte	4+1	211-1005	379-0032

- Pigmented topcoat system which provides glossy, silk matte and matte appearance to wooden surfaces.
- Has high scratch and impact resistance.
- Resistant to water, fruit juice and cleaning agents.



### PU PLUS-ONLY Topcoat (211-X3XX)

Product Name	Mixing Ratio	Comp. A	Comp. B (Low Yellowing Resistance)	Comp. B (High Yellowing Resistance)
Super/Full Matte	2+1	211-1306	379-0025	209-0328/0329/0033
Matte/ Special Matte	2+1	211-1303	379-0025	209-0328/0329/0033
Silk Matte	2+1	211-1302	379-0025	209-0328/0329/0033

In addition to the properties of Polyurethane Series (211-Series);

- Two-way system which can satisfy different yellowing resistance and cost expectations with the use of optional hardeners.
- When applied with a hardener with high yellowing resistance, surfaces with much higher yellowing resistance are obtained compared to surfaces applied with a conventional hardener with low yellowing resistance.

\* In addition to our standard color catalog, additional colors can also be made.

## Ultramax Series (251-XXXX)

Product Name	Mixing Ratio	Comp. A	Comp. B
Glossy White	2+1	251-1001	279-0032
Silk Matte White	4+1	251-1002	279-0032
Matte White	4+1	251-1003	279-0032
Super Matte	4+1	251-1009	279-0032

- Has high solid content.
- Has high filling power and ability to cover sanding marks. Saves time and labor.
- High scratch and chemical resistance.
- Provides a surface finish extremely resistant to yellowing.



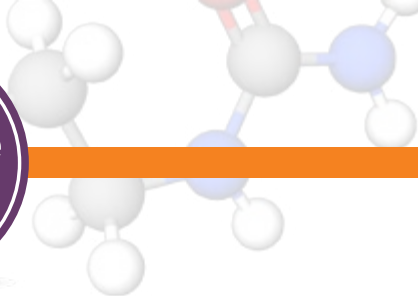
## VIP Series (291-XXXX)

Product Name	Mixing Ratio	Comp. A	Comp. B
Glossy White	1+1	291-1001	209-0329
Silk Matte White	2+1	291-1002	209-0528
Matte White	2+1	291-1003	209-0528
Super Matte	2+1	291-1010	209-0528

- Has high solid content.  
Has low VOC content. - Sensitive to human health and environment.  
High hiding power. - Easily covers sanding marks. - Saves time and labor.
- Has high scratch and impact resistance.
- Provides silky, smooth surface.
- Resistant to water and cleaning agents.
- Thanks to its maximum yellowing resistance, it can be used in the kitchen, bathroom, office, dining and living room furniture. It offers economical, trouble-free and perfect solutions in a very short time.

\* In addition to our standard color catalog, additional colors can also be made.





# VIP HT Series (281-XXXX)

Product Name	Mixing Ratio	Comp. A	Comp. B
Glossy White	2+1	281-1001	209-2543
Silk Matte White	4+1	281-1002	209-2543
Matte White	4+1	281-1003	209-2543

- In addition to the properties of VIP Series (291-XXXX);  
Provides an easy and comfortable application without sagging in vertical applications.

*\* In addition to our standard color catalog, additional colors can also be made.*



## Perfect-UHS Series (351-XXXX)

Product Name	Mixing Ratio	Comp. A	Comp. B
Glossy	2+1	351-1001	359-0038
Super / Full Matte	4+1	351-1004	359-0033
Matte	4+1	351-1003	359-0033
Silk Matte	4+1	351-1002	359-0033

- Designed not to contain hazardous aromatic solvents, considering the volatile organic compound (VOC) limitations of the directives 1999/13 / CE and 2004/42 / EC, keeping human health and a sustainable environmental goal in the foreground.
- Due to its high solid content, filling and hiding power perfectly covers sanding marks and saves time and labor.
- Thanks to its special resin structure and formulation, creates a film with excellent spreading and high yellowing resistance
- Has high chemical and scratch resistance.

*\* In addition to our standard color catalog, additional colors can also be made.*





## Acrylic Systems



## ACRYLIC SYSTEMS

Two-component, acrylic resin based chemically cured systems.

Have ultra-high chemical and physical resistance and non-yellowing due to the nature of acrylic resin.

### Points to Consider in Use

- Using recommended thinner
- Be sure to use the specified hardener in the specified amount
- Using the prepared mixture within the specified time and completing it
- Not to use yellowed/thickened hardeners



## ACRYLIC PIGMENTED TOPCOATS

Provide alternative options in terms of application efficiency such as hiding power and process speed in the interior furniture and decoration works, where the expectation of non-yellowing is at the forefront. Other required final performance characteristics including physical, mechanical and chemical resistance, yellowing resistance, optical and haptic properties are optimized with matt-gloss and color alternatives.

### VIP ACRYL Pigmented Topcoat

Product Name	Mixing Ratio	Comp. A	Comp. B
Acrylic Pigmented Topcoat Glossy	2+1	311-XXXX	369-0025
Acrylic Pigmented Topcoat Silk Matte	5+1	311-XXXX	369-0025
Acrylic Pigmented Topcoat Matte	5+1	311-XXXX	369-0025

- Provides slippery, matte, silk matte and glossy appearance to wooden surfaces.
- Has high scratch and impact resistance.
- Resistant to water, cleaning agents and other chemicals.
- Non-yellowing.



### Acrylic Enamel

Product Name	Mixing Ratio	Comp. A	Comp. B
Ultra Glossy Acrylic Enamel	2+1	311-X1XX	369-0132
Silk Matte Acrylic Enamel	5+1	311-X1XX	369-0132
Matte Acrylic Enamel	5+1	311-X1XX	369-0132

- Suitable system for human health and environment due to high solid and low volatile organic compound (VOC) content.
- High solid content and hiding power.
- Has high scratch and impact resistance.
- Highly resistant to water, fruit juice and cleaning agents.
- Due to its special resin and formulation, non-yellowing.

## ACRYLIC CLEAR TOPCOATS

### VIP ACRYL Acrylic Varnish

Product Name	Mixing Ratio	Comp. A	Comp. B
VIP ACRYL Sanding Sealer	5+1	314-0036	369-0025
VIP ACRYL Matte Varnish	5+1	315-1036	369-0025
VIP ACRYL Special Matte Varnish	5+1	315-2536	369-0025
VIP ACRYL Silk Matte Varnish	5+1	315-4536	369-0025
VIP ACRYLIC Glossy Varnish	2+1	325-9000	369-0025
Ultra Glossy Acrylic Varnish	2+1	325-0125	369-0150

#### In addition to the properties of acrylic pigmented topcoats;

- Varnish system with high solid content.
- Cover sanding marks thanks to its high filling power.
- Saves time and labor.

### Ultra Glossy Acrylic Varnish (325-0125/369-0150)

- Has very high solid content.
- Provides ultra-high gloss and tough surface.
- Has very high scratch and impact resistance.
- Long-lasting high gloss.



## VIP FAST - ACRYL Acrylic Varnishes

Product Name	Mixing Ratio	Comp. A	Comp. B
VIP FAST-ACRYL Sanding Sealer	5+1	334-0026	369-0025
VIP FAST-ACRYL Matte Varnish	5+1	335-0525	369-0025
VIP FAST-ACRYL Special Matte Varnish	5+1	335-2525	369-0025
VIP FAST- ACRYL Silk Matte Varnish	5+1	335-4525	369-0025

### In addition to the properties of VIP Acryl Acrylic Varnishes;

- Fast drying acrylic systems.
- Applied to all kinds of wooden surfaces where the natural appearance of wood grains is desired to be preserved.

## Ultra Matte Acrylic Varnish System

Product Name	Mixing Ratio	Comp. A	Comp. B
Ultra 45 Matte Varnish	10+1	345-4528	369-0025
Ultra 25 Matte Varnish	10+1	345-2528	369-0025
Ultra 10 Matte Varnish	10+1	345-1028	369-0025
Ultra 05 Matte Varnish	10+1	345-0528	369-0025

### In addition to the properties of VIP Acryl and VIP-Fast Acryl Varnishes;

- Very fast drying acrylic varnish system.
- Used as clear topcoat in country system applications.

## COUNTRY SYSTEM

Decorations embroidered with fine motifs on light-colored and curved furniture in the COUNTRY style, which is defined by the furniture that constitutes the local home concept that gives a warm, friendly and lived-in feeling, requires handwork.

Specially designed 1K COUNTRY ACRYLIC PRIMER (312-1005) for the painting of these tedious and time-consuming furniture with engravings and motifs, offers quick and easy solutions. The main features of this product are summarized below:

- Has high filling power.
- Strong white.
- Dries fast.
- Non-yellowing.



## Panel Door Topcoats



## PANEL DOOR TOPCOATS

### 1K Panel Door Topcoat

- Strong adhesion to panel door surfaces, provides a decorative appearance.
- Dries fast.
- Has high filling power.
- Resistant to water, detergents and other chemicals.

#### Product

#### Series / Code

1K Panel Door (Craft Master) Topcoat

651-XXXX

\* In addition to our standard color catalog, additional colors can also be made.

### 2K Panel Door Topcoats

#### In addition to the properties of 1K Panel Door Topcoats;

- Provides a hard and durable surface due to its polyurethane structure.
- Resistant to scratches and impact.
- High filling power due to high solid content.

Product Name	Mixing Ratio	Comp. A	Comp. B	Gloss
2K Panel Door Topcoat	4+1	201-1005	219-1032	50-55
2K Brilliant Ny	4+1	201-1315	219-1032	58-62
2K Bril (White)	4+1	201-1025	219-1032	65-75
Boyner Half Matte	4+1	201-1410	219-1032	49-50
Optimum	4+1	201-1510	219-1032	38-42
Dorpan	4+1	201-1610	219-1032	27-29
Dorpan	4+1	201-1620	219-1032	40-45

\* In addition to our standard color catalog, additional colors can also be made.



# Polyester Systems



## POLYESTER SYSTEMS

Three-component unsaturated polyester systems offering ideal solutions in terms of covering, elasticity, drying speed and ease of sanding to prepare MDF and massive surfaces to topcoat applications in interior furniture and decoration works in which perfect optical properties such as levelling and distinctness of image (DOI) are desired.

Product Name	Mixing Ratio	Comp. A	Accelerator	Hardener
VERNIPOL NON-SAG PE Sanding Sealer	100+2+2	814-0062	859-0002	819-0025
VERNIPOL PE Primer (White / Black)	100+2+2	812-1000/9000	859-0002	819-0025
VERNIPOL PE Soft Primer	100+2+2	812-1002	859-0002	819-0025
VERNIPOL PE Flex Primer	100+2+2	812-1004	859-0002	819-0025
VERNIPOL Air-Drying Glossy Polyester	100+2+2	800-0002	859-0001	819-0025

- Vernipol PE Sanding Sealer and Primer systems have ultra-high filling power.
- Strong adhesion to wooden surfaces.
- Easy to sand.
- Provide extra smooth, hard surface for topcoat applications.

### VERNIPOL Air-Drying Glossy Polyester

Extra durable three-component polyester varnish system with perfect optical properties designed to prepare horizontal surfaces of wooden furniture for topcoat varnish applications.

### VERNIPOL PE Flex Primer

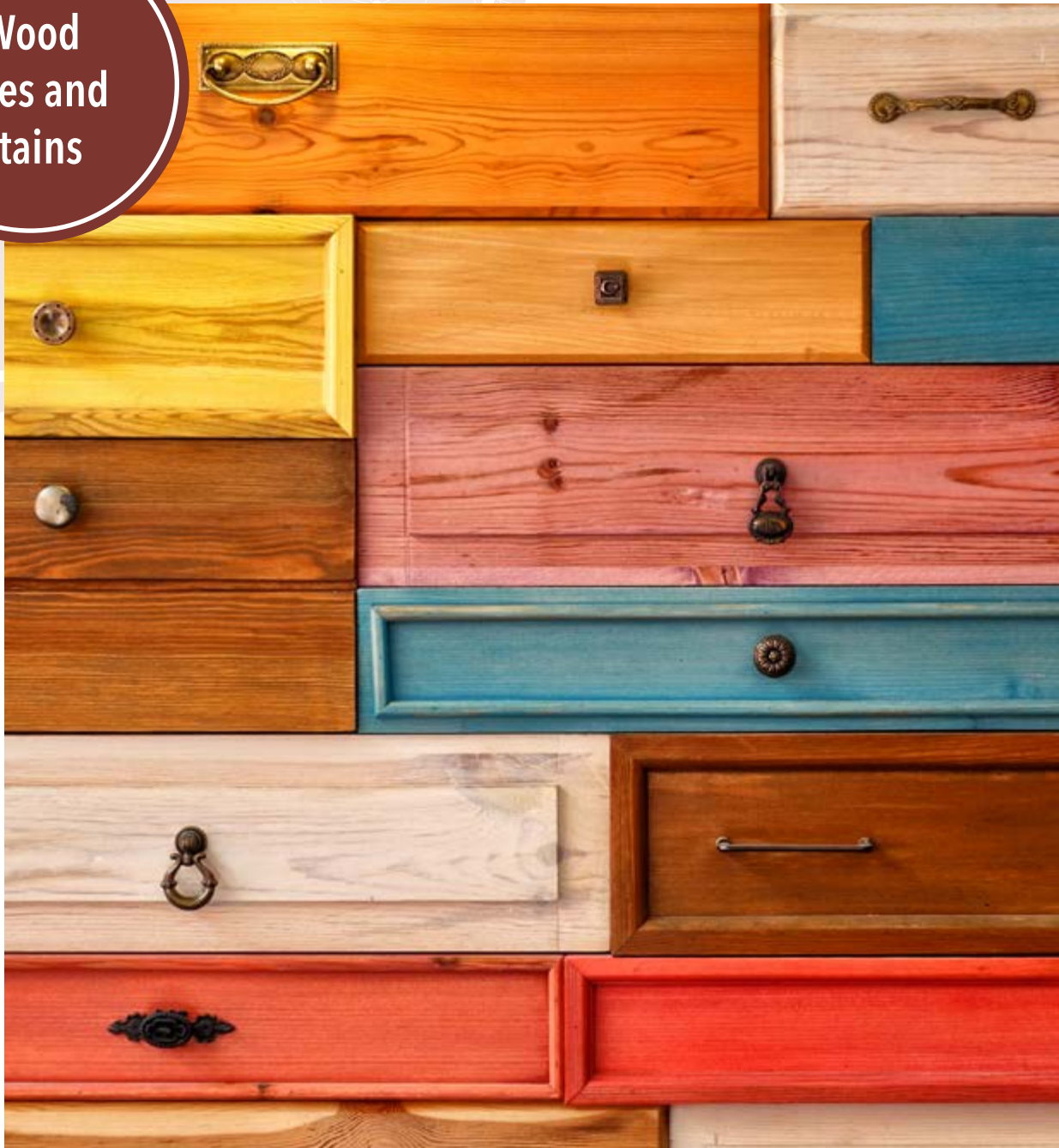
A flexible "NON-CRACKING" primer even applications on the most problematic MDF surfaces in cold and humid conditions.

### VERNIPOL NON -SAG PE Sanding Sealer

Does not sag in thick applications on vertical surfaces.



## Wood Dyes and Stains



## INTERIOR WOOD COLORANTS (DYES)

Coloring of wooden surfaces has gained great importance recently in furniture industry.

The selection and application of the colorant system is important in terms of the performance of the systems to be applied later.

- Pigments used in colorant system must have excellent resistance to UV radiation.
- The colorant system must have high resistance to the solvents of the topcoat varnish systems to be applied on it. It should not cause paint bleeding.

Product Name	Series / Code
Synthetic Wood Stain	113-Series
DECOCOLOR Universal Wood Colorant	133-Series
WOODEX Concentrated Wood Colorant	123-Series
Cellulosic Colored Varnish	613 / 633-Series
Hand Patina	163-Series
Rapid Patina	153-Series

### Synthetic Wood Stain (113-Series)



Synthetic resin based wood stain which is used for protecting and coloring wooden surfaces against bacteria and wood pests.

### Cellulosic Colored Varnish (613/633-Series)

Nitrocellulose and alkyd based, quick drying colored varnish system which is used for providing homogeneous color dispersion on wooden surfaces before the application of topcoat varnish.

### Hand Patina (163-Series)

Synthetic resin based, air-drying special application paint which is used for providing special appearances including patina, aging and shading to wooden surfaces.

### DECOCOLOR Universal Wood Colorant (133-Series)

Designed for coloring all kinds of massive and coated surfaces, a color solution which can be diluted with both water and cellulosic thinner. Dries fast, and has high coloring power.

### WOODEX Concentrated Wood Colorant (123-Series)



Special synthetic resin based system prepared with pigments having high UV resistance used for deep coloring of wooden surfaces. It can be used on exterior wooden surfaces as well.

### Rapid Patina (153-Series)

A special color solution which is quick-drying and high coloring power. It is used for providing special appearances including patina, aging and shading in furniture, panel door and decoration works.



Click to access color charts.

## Wood Dyes and Stains



## EXTERIOR WOOD COLORANTS (DYES)

- Systems to be used on exterior wooden surfaces should be selected carefully.
- The system to be used must protect the wooden surfaces effectively against all kinds of atmospheric effects including sun rays and moisture.

Product Name	Series / Code
Wood Impregnation Varnish	145-0010
WOODEX Concentrated Wood Colorant	123-Series
PROTECT Exterior Wood Colorant Varnish	135-Series

### Protect Exterior Wood Colorant Varnish (135- Series)

An alkyd-based, one-component, transparent, very special protective colored varnish system for exterior wooden surfaces. It effectively protects wooden surfaces against sunlight, moisture and other atmospheric effects and all kinds of wood pests. It adheres very well to wooden surfaces, is flexible, it is a colored varnish system that provides excellent and long-lasting (3-5 years) durability by allowing the waterproof wood to breathe.

### Wood Impregnation Varnish (145-0010)

Developed to protect wooden surfaces from wood pests, mold and atmospheric effects, it is an impregnated varnish which can be applied by brush or dipping. Does not have negative influence on the natural appearance of the wood.



## Wood Dyes and Stains



## WINCOPOL Wood Varnish

### Protection All Year Round

It is a two component polyurethane transparent wood joinery varnish with high external strength.

Designed for use in all interior and exterior wooden surfaces, doors, windows, pergolas, wooden garden furniture, boats and other woodwork.

It is a transparent colored varnish system which protects wooden surfaces from sun rays, moisture and other atmospheric factors, mold and mildew and provides strong adhesion to wooden surfaces.



## EXTERIOR WOOD STAINS

- Systems to be used on exterior wooden surfaces should be selected carefully.
- The system to be used must protect the wooden surfaces effectively against all kinds of atmospheric effects including sun rays and moisture.

Product Name	Series / Code
PROTECT Exterior Wood Colorant Varnish	135-Series
WINCOPOL Wood Varnish	275-Series
WINCOPOL Topcoat Enamel	261-Series
AQUA-TECH Water Based Protective Wood Stain	013-Series

### WINCOPOL Wood Varnish (275-Series)

A transparent colored varnish system which protects wooden surfaces against mold and other atmospheric effects including sun rays and moisture. Adheres very well to wooden surfaces and provides flexible, waterproof surface which is durable for at least 2 years. However, for full protection, it should be ensured that all layers from basecoat to topcoat are Wincopol Varnish Series (275-Series).

### WINCOPOL Topcoat Enamel (261-Series)

Two-component special resin based pigmented topcoat system which protects wooden surfaces against mold and other atmospheric effects including sun rays and moisture. Adheres very well to wooden surfaces and provides flexible, waterproof surface which is durable for at least 2 years. However, for full protection, it should be ensured that all layers from basecoat to topcoat are Wincopol Topcoat Enamel (261-Series).

### AQUA-TECH Water Based Protective Wood Stain (013-Series)



An acrylic based system which can be diluted by water and applied on interior and exterior wooden surfaces including door, joinery, pergola and garden furniture. Perfectly penetrates to surfaces and protects them from atmospheric effects such as humidity and UV radiation.



## Speciality Finishes



## SPECIALITY FINISHES

Product Name	Series Code
Wood Impregnation Varnish	145-XXXX
PU METASOFT Metallic Effect Topcoat (5+1)	217-72XX
PU VERNIDUR Pearl Effect Topcoat (5+1)	217-8XXX
PU METALUX Metallic Effect Topcoat (5+1)	227-72XX
Cellulosic Metallic Effect Topcoat	611-72XX
Crackle Varnish	621-0001
Cellulosic Pearl Effect Topcoat	621-8XXX
Crackle Enamel	621-XXXX
Cellulosic Metallic (Metalux / Metasoft / Gilt) Effect Topcoat	631-72XX
2K Hammer Effect Pearly Varnish	808-0021
Sparkler Varnish	808-0039
2K Hammer Effect Special Pearly Varnish	808-0040



### **PU METASOFT Metallic Effect Topcoat (5+1) (217-72XX)**

Two-component polyurethane-based, solventborne, metallic effect topcoat in various colors and gloss values, developed for special applications. It can be directly applied as a topcoat to any type of wooden surface for interior furniture and decoration works. Shades include aluminum (gilding), silver gold (gold leaf), copper, platinum. It dries quickly and spreads easily.

### **PU Vernidur Pearl Effect Topcoat (5+1) (217-8XXX)**

Two-component polyurethane-based, solventborne, pearlescent effect topcoat in various colors and gloss values, developed for special applications. It can be directly applied as a topcoat to any type of wooden surface for interior furniture and decoration works. It dries quickly and spreads easily.

### **Cellulosic Metallic Effect Topcoat (611-72XX)**

Nitrocellulose based, solventborne, metallic effect topcoat in various colors and gloss values, developed for special applications. It can be directly applied as a topcoat to any type of wooden surface for interior furniture and decoration works. Shades include aluminum (gilding), silver gold (gold leaf), copper, platinum. It dries quickly and spreads easily.

### **Crackle Varnish (621-0001)**

Nitrocellulose based, solventborne, air-drying special effect varnish which is applied on any wooden surface, metal sheets and polyester in interior furniture and decoration works.

### **Cellulosic Pearl Effect Topcoat (631-72XX)**

Nitrocellulose based, solventborne, pearlescent effect topcoat in various colors and gloss values, developed for special applications. It can be directly applied as a topcoat and basecoat to any type of wooden surface for interior furniture and decoration works. It dries quickly and spreads easily.

### **Crackle Enamel (621-XXXX)**

Nitrocellulose based, solventborne, air-drying special effect pigmented topcoat which is applied on any wooden surface, metal sheets and polyester in interior furniture and decoration works.

### **2K Hammer Effect Pearly Varnish (808-0021)**

Two-component polyurethane-based, solventborne, pearlescent hammer effect topcoat which has light gray color. However, different colors can be obtained by choosing PU Matte Primer with desired color. It is a decorative varnish for interior furniture, designed to give the appearance of hammered metal to the applied surface.

### **Sparkler Varnish (808-0039)**

Solvent based, air-drying, multicolored light reflecting varnish developed for special applications. It can be directly applied as a topcoat and basecoat to any type of wooden surface for interior furniture and decoration works. It dries quickly and spreads easily. It is suitable to be used as a basecoat on furniture surfaces that will be exposed to physical and mechanical effects.

### **2K Hammer Effect Special Pearly Varnish (808-0040)**

Two-component polyurethane-based, solventborne pearlescent hammer effect topcoat which has pearl color. However, different colors can be obtained by choosing PU Matte Primer with desired color. It is a decorative varnish for interior furniture, designed to give the appearance of hammered metal to the applied surface.



**Boutique /  
Special  
Products**



## BOUTIQUE / SPECIAL PRODUCTS

Product Name	Series Code
Single-Coat (2K)	200-02XX
Epoxy Clear INC Casting (2+1)	445-0001
Glass Art Paint	804-XXXX
VIP MDF-Chipboard Barrier Varnish	808-0008
Add-Plast Metallic Topcoat	808-0015
Add-Plast Clear Primer	808-0016
SP-S Barrier Varnish	808-0017
Hammer Effect Solution	808-0018
2K Adhesive for Gold Roll Foil	808-0019
2K Hammer Effect Pearly Varnish	808-0021
Strip-Coat Water Based Peelable Coating	808-0037
2K Soft Touch Varnish	808-0038
Sparkler Varnish	808-0039
2K Hammer Effect Special Pearly Varnish	808-0040
LRS HFT Strip-Coat Water Based Peelable Coating	808-0043

### **2K Hammer Effect Pearly Varnish (808-0021)**

Two-component polyurethane-based, solventborne, pearlescent hammer effect topcoat which has light gray color. However, different colors can be obtained by choosing PU Matte Primer with desired color. It is a decorative varnish for interior furniture, designed to give the appearance of hammered metal to the applied surface.

### **Epoxy Clear Inc Casting (2+1) (445-0001)**

Transparent solventless liquid two component epoxy composite system which can be cast up to 2 cm thickness maximum in one shut. Designed for filling both the surface cladding and natural cavities and gaps in the designed models in furniture industry. Can be used in 3D floors and accessories such as key chains, jewelry magnets.

### **VIP MDF/Chipboard Barrier Varnish (808-0008)**

Solvent based, 2K, multi-functional transparent barrier varnish which is designed to; adhere the pigmented and transparent basecoats to the surfaces in which adhesion is not easy such as laminated chipboards and MDF, block adsorption on the edges of MDF, diminish consumption of basecoats, prevent discoloration of the surface on which PU and PE varnish applied. This system is designed to be used for preparing the topcoat applications on bare MDF and laminated chipboard surfaces.

### **Strip-Coat LSR HFT- Non-Sag Water Based Pee- lable Coating (808-0043)**

A water based, transparent peel-off coating designed to protect the painted furniture in marine group with a thick layer, without being exposed to the stack load, for temporary protection against water and surface impacts. In addition, it can also be used to provide temporary protection on surfaces that will not be exposed to stack such as door, window frames, glass, wood laminate, parquet, marble and granite during the construction or renovation phase.

### **ADD-PLAST Metallic Silver (808-0015)**

Solvent based, one-component, air drying metallic effect topcoat directly applied to the surfaces which paint adhesion is poor. It is a metallic effect topcoat for direct application to the surfaces such as aluminum, cold rolled steel, galvanized or phosphated steel, paper, polypropylene (moblen) and various plastic and thermoplastic surfaces on which adhesion is poor.

### **ADD-PLAST Primer (808-0016)**

Solvent based, one-component, air drying clear primer directly applied to surfaces which paint adhesion is poor. It is a clear primer for direct application to the surfaces such as aluminum, cold rolled steel, galvanized or phosphated steel, paper, polypropylene (moblen) and various plastic and thermoplastic surfaces on which adhesion is poor.

### **SP-S Barrier Varnish (808-0017)**

Solvent based, one-component barrier varnish that is specially designed to ensure easy adhesion of paint and varnishes to difficult surfaces such as glass and chipboard. However, it must be tested for other specific surfaces such as artificial veneer and scrap plastic.

### **Hammer Effect Solution (808-0018)**

A solvent based auxiliary product used for reinforcing the hammer effect and providing deeper appearance in decorative varnish/paint applications designed to give the appearance of hammered effect metal to the surface on which it is applied.

### 2K SOFT TOUCH Varnish (808-0038)

A solvent based two-component polyurethane (PU) soft-touch varnish which is a decorative matte varnish for interior use, designed to provide a silky, soft feeling when touched on decorative surfaces made out of plastic and wood. Although it is a highly scratch resistant varnish, it is recommended that low-traffic surfaces such as wall units, accessories and trinket should be preferred rather than high-traffic surfaces such as dining tables.

### 2K Hammer Effect Special Pearly Varnish (808-0040)

Two-component polyurethane-based, solventborne pearlescent hammer effect topcoat which has pearl color. However, different colors can be obtained by choosing PU Matte Primer with desired color. It is a decorative varnish for interior furniture, designed to give the appearance of hammered metal to the applied surface.

### Strip-Coat Water Based Peelable Coating (808-0037)

A water based, transparent peel-off coating designed to temporarily protect the original painted furniture from superficial impacts on its way from sales stores to the end consumer.

### Single-Coat (2K) (200-02XX)

A natural solution for protecting and enhancing the appearance of the wood in one layer. Can be applied to any type of wood including solid wood and veneer wood which are used on floors, furniture, bathroom cabinets and stairs where simplicity and naturalness are at forefront and texture of the wood is felt. Single-Coat is applied as a single layer to protect the wood without compromising its naturalness and warmth.

### 2K Adhesive For Gold Roll Foil (1+1) (808-0019)

A solvent based, two-component polyurethane (PU) adhesive used for bonding roll foil layers to objects such as wood, metal, glass, ceramic and polyester.

### Sparkler Varnish (808-0039)

Solvent based, air-drying, multicolored light reflecting varnish developed for special applications. It can be directly applied as a topcoat and basecoat to any type of wooden surface for interior furniture and decoration works. It dries quickly and spreads easily. It is suitable to be used as a basecoat on furniture surfaces that will be exposed to physical and mechanical effects.



# UV Curable Coatings



## UV CURABLE COATINGS

UV curable systems are special resin based coating systems cured by UV radiation. They have very high solid content and physical and chemical resistance. Compared to conventional coating systems, UV curing coating systems have several advantages including energy-saving, high production rate and environmental friendliness. However, the system is developed for furniture factories making large-scale production therefore special equipment is required.

Product Name	Series / Code
UV Sanding Sealer	824-0001
UV Glossy Varnish	825-0001
UV Matte / Special Matte / Silk Matte Varnish	825-XXXX
UV Primer White	822-1000
UV Glossy White	821-1000
UV Putty White	826-1000



## Parquet and Yacht Varnishes



## PARQUET AND YACHT VARNISHES

Parquet varnishes are one-component, alkyd or alkyd urethane based air-drying systems which are applied after parquet sanding sealer on parquet and ties in residential offices and similar buildings. Yacht varnishes are applied to the exterior surfaces of marine vehicles.

They are highly resistant to scratch and atmospheric effects. Applied by brush directly to wooden surfaces after wood stains (113-Series).

Product Name	Series / Code
Parquet Sanding Sealer	614-0001
Yacht Varnish	125-0004
Parquet Varnish	115-0005
Parquet Varnish Half Matte	115-0006
Parquet Varnish Matte	115-0007

### Parquet Sanding Sealer (614-0001)

Nitrocellulose based, air-drying sanding sealer which fills the pores and joints of parquet surfaces to provide smooth and glossy appearance to the parquet varnish that will be applied on top of sanding sealer. Preserves the natural color of the parquet surfaces and prevents discoloration.

### Yacht Varnish (125-0004)

Urethane alkyd based, air-drying yacht varnish which is used in wooden parts of marine vehicles and window blinds, paneling, pergola, door and window joinery of the buildings.

### Parquet Varnish (115-0005)

One-component, urethane alkyd based, air-drying parquet varnish providing hard, elastic and glossy surface which is resistant to scratch and abrasion.



## Auxiliary Materials



Product Name	Series / Code
Gofrato Paste	621-0100
Matting Paste	620-0500
Aluminium Paste	620-8003
Anti-Silicone	808-0003
Paint Remover	808-0004
Fantasy Gold Lacquer	808-0007
Anti-Pinhole	808-0041
Retarder	891-0001

### **Paint Remover (808-0004)**

Paint remover's gel structure enables it to be applied on vertical surfaces easily. Depending on the type and thickness of the paint to be removed, provides an effective solution by penetrating in 5-30 minutes. Removes the paint/varnish without damaging the underlying surface.

### **Gofrato Paste (621-0100)**

Provides a structured appearance to surfaces with its addition at 5-10 wt% to polyurethane and nitrocellulose based topcoat systems.

### **Matting Paste (620-0500)**

Developed to obtain more matte surface appearance which is applied after being added at a rate of 10-25% to the system, mixed thoroughly and filtered.

### **Anti-Pinhole (808-0041)**

Prevents pinhole defect in solventborne polyurethane paint and varnish systems.

### **Fantasy Gold Lacquer (808-0007)**

Developed in order to provide gold and gold foil imitation for decorative purposes by mixing it at certain concentrations with metallic silver paints.

### **Retarder (891-0001)**

A solvent mixture designed to prevent paint defects due to very hot and humid conditions in nitrocellulose, polyurethane and acrylic systems.

# Thinners



## THINNERS

Product Name	Series / Code
Cellulosic Super Thinner	961-0541
Cellulosic Super Thinner	961-0640
Polyurethane Special Thinner	921-0222
Polyurethane Fast Thinner	921-0225
Polyurethane VIP Thinner	991-0233
Slow Catalyst	808-0005
Medium Slow Catalyst	808-0009
Acrylic Thinner	931-0311
Retarder	891-0001

## Water Based Sytems



## WATER BASED SYSTEMS FOR EXTERIOR

Water-based varnish and paint systems that are recommended to be applied in the form of either colored transparent varnish or as a primer and topcoat, in order to protect exterior wooden surfaces including furniture and joinery against fungi, mold and external weather conditions.

Product Name	Series / Code
Aqua-Tech Water Based Half Matte Topcoat	011-XXXX
Aqua-Tech Water Based Exterior Primer	012-XXXX
Aqua-Tech Water Based Protective Wood Stain	013-XXXX
Aqua-Tech Water Based Protective Wood Stain (Dipping)	013-XXXX
Aqua-Tech Water Based Exterior Topcoat Varnish	015-XXXX



### Aqua-Tech Water Based Protective Wood Stain (Dipping) (013-XXXX)

Acrylic based protective wood stain as well as film-forming varnish designed to protect both interior and exterior wooden surfaces against fungi, mold and atmospheric effects such as sun rays and moisture. This product group is specially designed for the impregnation version for the purpose of coloring without film forming on the surface of wood.

### Aqua-Tech Water Based Protective Wood Stain (013-XXXX)

Acrylic based protective wood stain as well as film-forming varnish designed to protect both interior and exterior wooden surfaces against fungi, mold and atmospheric effects such as sun rays and moisture.

### Aqua-Tech Water Based Exterior Primer (012-XXXX)

Acrylic based, waterborne pigmented topcoat which can be applied on any kind of wooden surface including doors, joinery, pergola and garden furniture. Perfectly penetrates to the surfaces and provides full-protection against microorganisms and atmospheric effects. This breathing, easily and quickly applied system provides high film resistance.

### Aqua-Tech Water Based Half Matte Topcoat (011-XXXX)

Acrylic based pigmented topcoat designed to protect against atmospheric effects including sun rays and moisture and microorganisms such as mold and fungi. It is applied on top of water-based primer on wooden surfaces such as blinds, pergolas, door and window frames of buildings.

### Aqua-Tech Water Based Exterior Topcoat Varnish (015-XXXX)

Acrylic based system designed to protect exterior wooden surfaces from sun rays, moisture and other atmospheric effects. This system is available in special matte and half matte options. Although it is designed for exterior, can also be applied on window blinds, paneling, door and window joinery.



Water  
Based  
Sytems



## WATER BASED SYSTEMS FOR INTERIOR

Water-based varnish and paint systems designed to protect and decorate both massive wooden surfaces (cycled with sealer and topcoat varnish) and MDF surfaces (cycled with primer and topcoat) in interior furniture and decoration works.

Product Name	Series / Code
Aqua-Tech Water Based 2K Barrier Varnish	025-0000
Aqua-Tech Water Based Interior Topcoat Half Matte	031-XXXX
Aqua-Tech Water Based MDF Primer	032-XXXX
Aqua-Tech Water Based Sanding Sealer	034-0040
Aqua-Tech Water Based Interior Topcoat Varnish	035-XXXX



### Aqua-Tech Water Based 2K Barrier Varnish (025-0000)

Designed to ensure adhesion of paint or varnish to difficult surfaces including glass and chipboard. However, must be tested for specific surfaces such as artificial enamel, scrap and plastics.

### Aqua-Tech Water Based Interior Topcoat Half Matte (031-XXXX)

Designed for interior furniture and accessories, MDF coated with waterborne primer, wood veneer and massive surfaces. Ideal for accessories and nursery furniture. In addition, can also be applied on glass due to its ability to adhere on glass surfaces.

### Aqua-Tech Water Based Interior Topcoat Varnish (035-XXXX)

Can be applied on interior surfaces which are not under heavy load such as furniture, doors, handrails made out of pine, spruce, beech, maple, oak wood construction elements. Due to the environmentally-friendly nature of the product, can be applied on children's furniture and toys. This product can be thinned with water and is environmentally friendly, odorless during application as well as after drying and complies with EN 71-3. It is very easy to apply and provides a transparent surface with different gloss values, scratch-proof, slippery, aesthetically silky-velvety, highly water-repellent properties to wooden surfaces on which it is applied.

### Aqua-Tech Water Based MDF Primer (032-XXXX)

One-component, acrylic based, waterborne pigmented primer designed for interior furniture and accessories. Applied prior to waterborne pigmented topcoat applications on furniture and accessories for interior, MDF, all types of wood veneer and massive surfaces.

### Aqua-Tech Water Based Sanding Sealer (034-XXXX)

One-component, acrylic based, waterborne sanding sealer designed for interior furniture and accessories. Applied prior to waterborne clear topcoat applications on furniture and accessories for interior, MDF, all types of wood veneer and massive surfaces.

## Next Generation Coatings



Kubilay Ultra Hygiene Series- the first antiviral wood coating system in the world has been awarded funding from The Scientific and Technological Council of Turkey. Moreover, it has been awarded the "Seal of Material Excellence" by Material ConneXion.

## ULTRA HYGIENE ANTIMICROBIAL VARNISH

COVID-19 has become more than a health crisis- it had destructive consequences such as cultural, social, economic and political effects. The pandemic has changed how we clean and disinfect offices, schools, hospitals while returning to a new normal.

The virus is transmitted after infected people sneeze, cough on or touch surfaces, such as tables, doorknobs and handrails. Other people may become infected by touching these contaminated surfaces, then touching their eyes, nose or mouth without having cleaned their hands first.

Many high-touch surfaces such as doors, tables, furniture or benches are made of wood or its derivatives. Therefore, it is essential to keep the surfaces clean in order to eliminate the risk of surface contamination. One of the options to prevent transmission through touch is to frequently disinfect the communal areas. However, the disinfection process only provides short-term protection and needs to be repeated regularly at certain intervals. Considering the effects of harmful chemicals in disinfectants on human health and the environment, it is predicted that frequent disinfection will cause more harm in the long term.

Kubilay Boya has successfully developed an antiviral, antibacterial and antifungal wood coating system. This new coating system showed efficacy against human coronavirus NL-63 – an enveloped, single stranded RNA virus used as laboratory model to SARS-CoV-2 – as well as bacteria including *Escherichia coli* and *Staphylococcus aureus*, *Salmonella typhimurium*, *Listeria monocytogenes*, *Klebsiella pneumoniae* and *Pseudomonas aeruginosa*, and fungi such as *Candida albicans* and *Aspergillus brasiliensis*.

Protocol	Type of Microorganism	Strain	% Reduction
ISO 21702	Virus	Coronavirus NL-63	> 90
ISO 22196	Bacteria	<i>Escherichia Coli</i>	99.99
ISO 22196	Bacteria	<i>Staphylococcus Aureus</i>	99.99
ISO 22196	Bacteria	<i>Listeria Monocytogenes</i>	99.99
ISO 22196	Bacteria	<i>Pseudomonas Aeruginosa</i>	99.95
ISO 22196	Bacteria	<i>Salmonella Typhimurium</i>	98.04
ISO 22196	Bacteria	<i>Clostridium Perfringens</i>	96.88
ISO 22196	Fungi	<i>Candida Albicans</i>	95.65
ISO 22196	Fungi	<i>Aspergillus Brasiliensis</i>	90.97

Product Name	Series / Code
ULTRA HYGIENE PU (5+1) Matte Varnish	835-0010
ULTRA HYGIENE PU (5+1) Special Matte Varnish	835-0025
ULTRA HYGIENE PU (5+1) Silk Matte Varnish	835-0045
ULTRA HYGIENE PU (1+1) Glossy Varnish	835-0090
ULTRA HYGIENE PU Hardener	809-0005



## Next Generation Coatings



Coated Surface



Uncoated Surface

## EXCELLENCE CERAMIC VARNISH

Scratching is seen especially on frequently touched surfaces such as offices, kitchens and bathrooms and is one of the biggest problems of both furniture manufacturers and end users. Kubilay Boya brings a radical solution to this problem with the Excellence Ceramic Varnish which is designed and developed by its staff. This product, which significantly increases the strength, hardness and scratch resistance of the surface on which it is applied, is similar to the ceramic coatings applied to automobiles with this feature.

Excellence Ceramic Varnish is a solvent-based, one-component (special and silk matte) or two-component (glossy), air or reaction-drying, state-of-the-art hybrid polymer structure that can be stacked in 24 hours, has excellent scratch resistance, and is a matte topcoat varnish system with high solid content. This system is developed for interior use, used in furniture and decoration works applied to all kinds of MDF, solid and veneered wooden surfaces as well as digitally printed surfaces that are trending recently.

### Properties

- Extra excellent scratch and impact resistance
- High solid, low volatile organic matter (VOC) content, high yield
- Early stackability
- Excellent water and chemical resistance
- High yellowing resistance

### Product Name

### Series / Code

EXCELLENCE CERAMIC Glossy Varnish	808-0999
EXCELLENCE CERAMIC Special Matte Varnish	808-0925
EXCELLENCE CERAMIC Silk Matte Varnish	808-0945
EXCELLENCE CERAMIC Hardener	809-0100





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