

Wood Coatings

Product Brochure



About us



Established in 1982, Ece Boya Kimya is one of the leading companies in Türkiye in the coating and resin manufacturing with its brand "Erco". The company's strategy is based on rigorous R&D studies to develop new technologies, providing solutions by anticipating the needs of the industry and being a worldwide sought-after brand.

Appealing to a wide customer range with more than 2000 products including wood and metal finishing systems for the coating industry, and custom-made resins, gelcoats and pigment pastes for the composite industry, Ece Boya Kimya forms crucial collaborations through its research and development activities.

Driven by a strategy to strengthen our brand image with our strong expert staffs and production facilities covering a total area of 8,000m² in Tuzla-İstanbul and 49,000m² modern production facility in Dilovası-Kocaeli, Ece Boya Kimya has emerged as a reliable global brand.

Believing in the power of science and technology, Ece Boya Kimya maintains its position as a reliable and sustainable supplier thanks to its quality systems and product certifications, manufacturing consistent and quality products in its high-tech production facilities.

Today, Erco products are exported to more than 30 countries around the world. As brand reliability goes, our increasing export figures are a testimony to the demand for our products, not just in Türkiye but the entire world.

Ece Boya Kimya is committed to environmentally friendly growth. We work hard to minimize waste and are committed to developing tailored products and services that meet regulatory requirements. We are passionate about measurable sustainability practices.

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Wood coatings product range

Erco wood coating solutions provide a wide range of flexibility because it contains products that can be customized and adapted to your needs.

We supply from conventional product groups up to the next generation water-based systems you need for your production. The basecoats and topcoats give you a complementary system so you can experience a high level of performance every day.

Innovation in wood coatings

Ece Boya supports its customers with innovative, cost-effective and timely solutions developed by its expert team of enthusiastic professionals. While our experienced staff with excellent technical and analytical skills allow us to offer the highest quality products, they also help create new ideas that improve the way our customers do business.

We become one of the leading brands of Türkiye in resin and coatings quality thanks to years of R&D works and analyses at our advanced technology facility. One of the requirements of being a leading brand is to have expert R&D staffs. Thanks to our R&D Center and our original R&D projects, we develop products that keep you one step ahead of your competitors.

Innovation for Ece Boya means doing something with a new and better method. Innovation does not always mean launching new products and services onto the market; innovation can also permeate the entire structure of a company across all its production and R&D processes. The product innovations we are most proud of are those that respond to the needs of our customers.



Water-based products



EASY TO USE AND LOW ENVIRONMENTAL IMPACT

Erco water-based range includes both clear and pigmented products, designed for interior and exterior use. Thanks to extremely low VOC content, this product range respects the environment and people living in it: Since the VOC (volatile organic compound) content is extremely low, their impact on the environment and on human health is decidedly less harmful. Erco water based products are attentive to the health of operators and end customers.

Erco water-based products stand out for user friendly application methods: both for manual and automatic use. Cross-sanding can be used to virtually reduce fibre raising and improve the result. These products are formulated with special resins. Owing to its structure it forms non-yellowing, high build and scratch resistant films. They guarantee highest quality and long-lasting effect compared to solvent-based products. Water-based range is in general quick drying. The film obtained is thermoplastic, meaning applied surface could be handled at temperatures lower than curing products.

Water-Based Coatings For Interior

Product Code	Product Name
W01-99-0000	Water-Based Interior Clear Sanding Sealer
W70-XX-0000	Water-Based Interior Clear Varnishes (15, 35, 90 Gloss/60°)
W11-88-1000	Water-Based Interior White Basecoat
W70-XX-1000	Water-Based Interior White Topcoat (15, 35, 90 Gloss/60°)

Water-Based Coatings For Parquet

Product Code	Product Name
W80-XX-0000	Water-Based Interior Parquet Varnishes (15, 40, 90 Gloss/60°)

Water-Based Coatings For Panel Door

Product Code	Product Name
W75-XX-1000	Water-Based Panel Door Topcoats (15, 35 Gloss/60°)

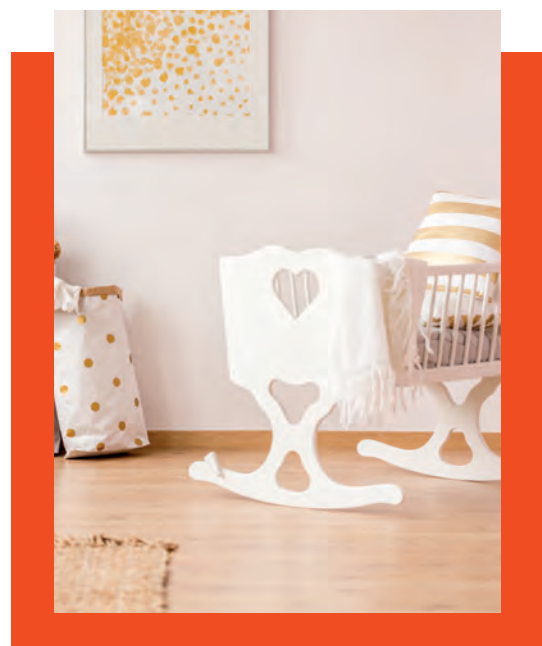
Water-Based Coatings For Exterior

Product Code	Product Name
W03-99-0000	Water-Based Exterior Clear Sanding Sealer
W60-XX-0000	Water-Based Exterior Clear Varnishes (40, 90 Gloss/60°)
W61-XX-0000	Water-Based Exterior Easy-Use Varnishes (15, 90 Gloss/60°)
W62-XX-0000	Water-Based Exterior Ultra Gloss Varnish (90 Gloss/60°)
W63-XX-0000	Water-Based Exterior Varnish (15 Gloss/60°)
W11-88-1000	Water-Based Exterior White Basecoat
W22-88-1000	Water-Based Exterior White Basecoat
W60-XX-1000	Water-Based Exterior White Topcoats (40, 90 Gloss/60°)

-XX- Gloss level for clear/pigmented coatings
-XXXX- Color code for pigmented coatings

Oil-Based Products

Product Code	Product Name
W65-15-0000	Water-Based Teak Varnish



Uv curing products

HIGH QUALITY AND PRODUCTIVITY

Erco UV curing range comprises both paints and lacquers for modern furnitures. Speed, low running cost, reduced solvent emission and high quality finishes are some main reasons to use these products. These products need very short flash-off time before the surface can be exposed to UV light. The following coat can be a conventional solvent-based or water-based product or an additional UV curing product. Erco researches and developes tailor-made UV coatings in collaboration with customers. Our technicians are always at the disposal of customers to find out the products most suitable for their production system.

UV Products For Roller Application

Product Code	Product Name
U60-98-0000	UV Clear Primer
U60-99-0000	UV Sanding Sealer
U62-99-0000	UV Clear Sanding Sealer
U60-77-0000	UV Clear Putty
U60-XX-0000	UV Clear Topcoats for Parquet (15, 35 Gloss/60°)
U60-35-XXXX	UV Colored Matt Topcoat for Parquet
U60-88-1000	UV White Basecoat
U60-XX-1000	UV White Topcoats (15, 35 Gloss/60°)
U61-88-1000	UV White Basecoat for Glass

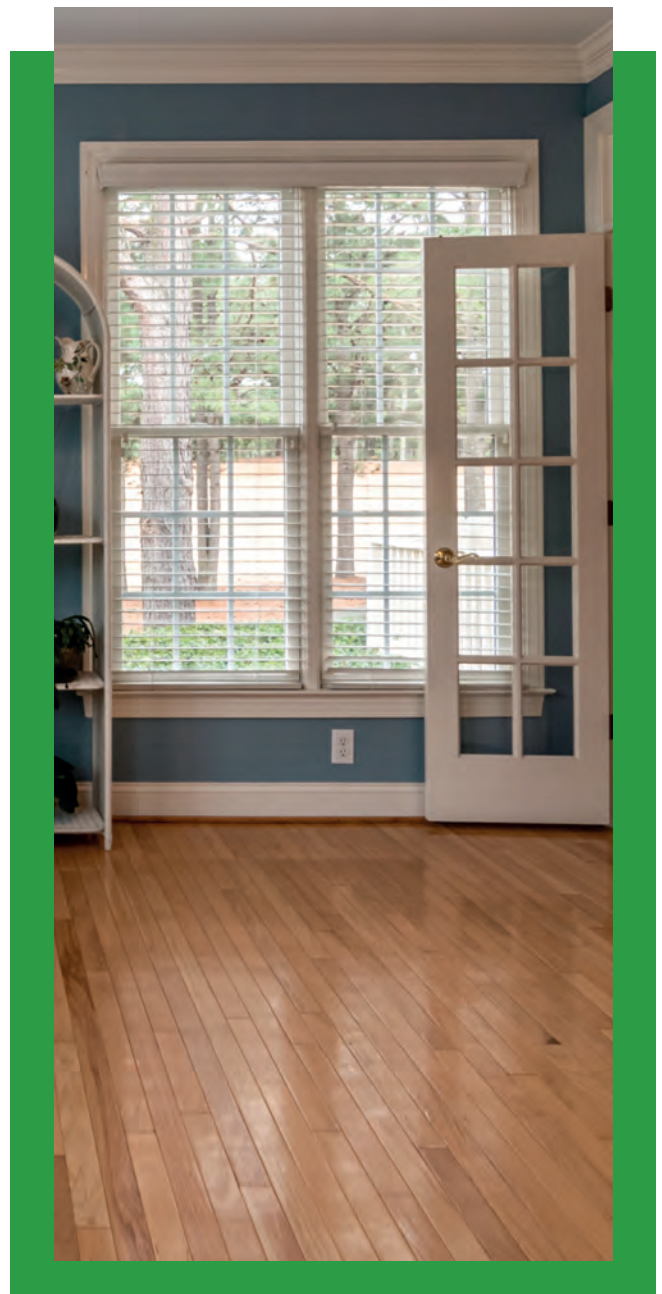
UV Products For Spray Application

Product Code	Product Name
U70-99-0000	UV Clear Primer
U70-XX-0000	UV Clear Topcoat (35, 100 Gloss/60°)
U75-XX-0000	UV Clear Topcoats-Dual Cure
U70-88-1000	UV White Basecoat
U75-XX-XXXX	UV Pigmented Topcoats-Dual Cure (35, Gloss/60°)

UV Products For Curtain Coater

Product Code	Product Name
U60-00-0100	UV Glossy Clear Topcoat

-XX- Gloss level for clear/pigmented coatings
-XXXX- Color code for pigmented coatings



Solvent-based products



TRADITIONAL AND VERSATILE

Erco solvent-based products provide an extended flexibility because it contains products that can be customized and adapted according to your needs. These range offer versatile solutions to applications: open and closed pore woods, interior and exterior applications, different gloss levels, limitless colour options.

Erco chooses high quality raw materials which are completely harmless to people and environment like water-based products. Among the components there are no traces of heavy metals like lead, mercury, cadmium, chromium.

Nitrocellulose

Nitrocellulose wood coatings are perfect for users whose are looking for easy to use and fast drying appearance. It can be used in artistic, antique products and renovation works. They give a warm and soft look to the surface.

Product Code	Product Name
N01-99-0020	Nitrocellulose Clear Sanding Sealer
N12-00-0000	Nitrocellulose Crack Transparent Base
N30-XX-0000	Nitrocellulose Clear Topcoats (15, 35, 90 Gloss/60°)
N11-88-XXXX	Nitrocellulose Pigmented Basecoats
N14-XX-1000	Nitrocellulose Pigmented Intercoats
N15-88-XXXX	Nitrocellulose Pigmented Basecoats
N10-XX-XXXX	Nitrocellulose Pigmented Topcoats (15, 90 Gloss/60°)
N12-00-1000	Nitrocellulose Crack Pigmented Topcoat
N15-XX-1000	Nitrocellulose Pigmented Topcoats (5, 15 Gloss/60°)
N25-XX-1000	Nitrocellulose Panel Door Paints (35 Gloss/60°)

-XX- Gloss level for clear/pigmented coatings
-XXXX- Color code for pigmented coatings



Polyurethane

Polyurethane wood coatings have a wide versatility and exceptional physical and chemical resistance. They include excellent finishes and hard extremely durable topcoats. Erco offers all transparent and pigmented polyurethane products developed with experience and innovation.

Polyurethane Sanding Sealers and Barriers

Product Code	Product Name	Recommended Hardener	Mix Ratio
P45-99-0000	Polyurethane Non-Yellowing Sanding Sealer	H60-70-0000	2:1
P40-99-0000	Polyurethane Flexible Sanding Sealer	H60-80-0000	2:1
P30-99-0000	Polyurethane Flash Sanding Sealer	H60-72-0000	2:1
P25-99-0000	Polyurethane High-Solid Clear Sanding Sealer	H60-74-0000	2:1
P21-99-0000	Polyurethane Special Sanding Sealer	H60-72-0000	2:1
P20-99-0000	Polyurethane Clear Sanding Sealer	H60-72-0000	2:1
P15-99-0000	Polyurethane High-Solid Clear Sanding Sealer	H61-72-0000	2:1
P11-99-0000	Polyurethane Maxi Filler Sanding Sealer	H60-72-0000	3:1
P01-99-0021	Polyurethane Barrier Sealer for Exotic Woods	H60-78-0000	1:1

Polyurethane Varnishes

Product Code	Product Name	Recommended Hardener	Mix Ratio
P40-00-0000	Polyurethane High Glossy Clear Topcoat	H60-93-0000	1:1
P20-00-0101	Polyurethane Super Glossy Clear Topcoat	H60-80-0000	1:1
P20-00-0100	Polyurethane Extra Glossy Clear Topcoat	H60-80-0000	2:1
P47-XX-0000	Polyurethane Matt Ultra-Clear Topcoat (15, 25, 45, 60 Gloss/60°)	H60-89-0000	2:1
P45-XX-0000	Polyurethane Clear Matt Topcoat (10, 20, 45 Gloss/60°)	H60-89-0000	2:1
P30-XX-0000	Polyurethane Matt High-Solid Clear Topcoat (15, 40 Gloss/60°)	H60-80-0000	4:1
P20-XX-0000	Polyurethane Matt Clear Topcoat (15, 35, 55 Gloss/60°)	H60-80-0000	4:1

Polyurethane Basecoats

Product Code	Product Name	Recommended Hardener	Mix Ratio
P32-88-1000	Polyurethane Barrier White Basecoat	H60-77-0001	2:1
P31-88-1000	Polyurethane Flexible White Basecoat	H60-77-0001	5:2
P27-88-1000	Polyurethane White Basecoat	H60-79-0000	3:1
P1 5-88-1000	Polyurethane White Basecoat	H60-76-0000	3:1
P14-88-1000	Polyurethane Pur White Basecoat	H61-75-0000	2:1
P11-88-1000	Polyurethane White Basecoat	H60-77-0001	3:1

Polyurethane Pigmented Topcoats



Product Code	Product Name	Recommended Hardener	Mix Ratio
P60-00-1000	Polyurethane Ultra-Glossy White Topcoat	H60-93-0000	1:1
P50-00-1000	Polyurethane Max-Resistance Glossy White Topcoat	H60-98-0000	2:1
P40-00-1010	Polyurethane Glossy White Topcoat	H60-92-0000	2:1
P40-00-1000	Polyurethane Glossy White Topcoat	H60-96-0000	2:1
P35-00-1000	Polyurethane Glossy White Topcoat	H60-92-0000	4:1
P30-00-1000	Polyurethane Super Glossy White Topcoat	H60-95-0000	2:1
P50-XX-1000	Polyurethane Matt White Topcoats (10, 40 Gloss/60°)	H60-97-0000	2:1
P45-XX-1000	Polyurethane Matt White Topcoats (10, 25, 35 Gloss/60°)	H60-90-0000	2:1
P40-XX-1000	Polyurethane Matt White Topcoats (15, 35, 55 Gloss/60°)	H60-97-0000	2:1
P35-XX-1000	Polyurethane Matt White Topcoats (15, 35, 55 Gloss/60°)	H60-95-0000	4:1
P25-XX-XXXX	Polyurethane Panel Door Matt Topcoats (35, 55 Gloss/60°)	H60-80-0000	4:1

-XX- Gloss level for clear/pigmented coatings
 -XXXX- Color code for pigmented coatings



Acrylic

Acrylic wood coatings are characterized by maximum resistance to yellowing, excellent chemical and mechanical durability and ease of application. Therefore; these coatings are suitable for modular industrial productions of different types of wooden pieces. In particular, it is recommended to use it in aesthetic decor and design works to obtain a natural appearance or an unfinished wood appearance on light colored and open-pored wood.

Product Code	Product Name	Recommended Hardener	Mix Ratio
A01-99-0020	Acrylic Clear Sanding Sealer	H60-51-0000	10:1
A40-00-000X	Acrylic Glossy Clear Topcoat	H60-55-0000	2:1
A41-XX-0000	Acrylic Matt Clear Topcoats (10, 25, 40 Gloss/60°)	H60-51-0000	10:1
A41-88-1000	Acrylic White Basecoat	H60-51-0000	10:1
A10-00-1000	Acrylic Glossy White Topcoat	H60-55-0000	2:1
A41-XX-1000	Acrylic Matt White Topcoat (10, 50 Gloss/60°)	H60-51-0000	10:1

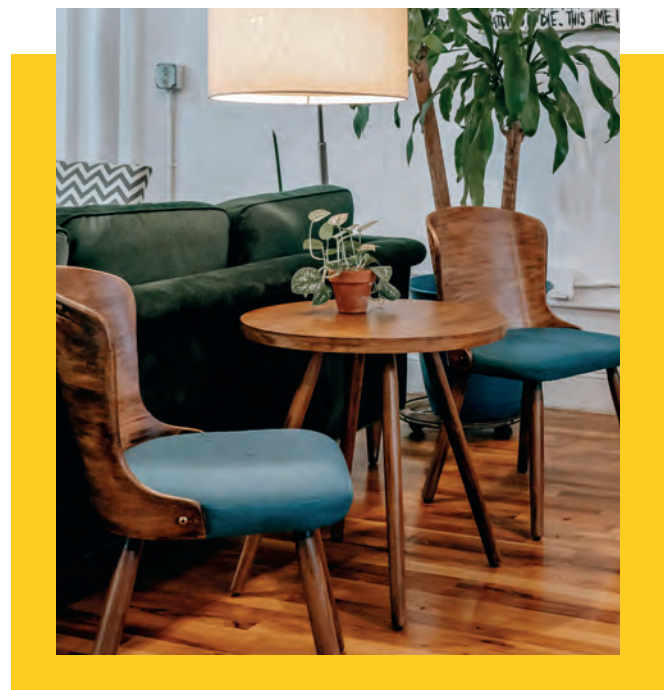
-XX- Gloss level for clear/pigmented coatings
 -XXXX- Color code for pigmented coatings

Polyester

Polyester wood coatings have excellent chemical and physical durability, high filling power and resistance to shrinkage. Due to their high solid content, they are especially recommended for closed pore wooden furniture productions.

Product Code	Product Name
E81-00-0000	Polyester Clear High Gloss Topcoat (Waxed)
Z96-99-0000	Polyester Clear Basecoat (Non-paraffin)
Z95-99-0000	Polyester Clear Basecoat (Styrene-free)
Z92-99-0000	Polyester Clear Basecoat (Non-paraffin)
Z25-88-1000	Polyester White Basecoat (Styrene-free)
Z24-88-1000	Polyester E-S White Basecoat (Non-paraffin)
Z20-88-1000	Polyester White Basecoat (Non-paraffin)

*These products are used with Cobalt Accelerator and MEK-P Hardener.



Synthetic

Exterior wooden surfaces exposed to destructive external factors and unwanted organisms such as fungi, algae and parasites. These factors are always a threat for windows, doors, decks, fences. Erco parquet and yacht varnishes protect the surfaces against atmospheric and biological factors, reflect the natural beauty of the wood and provide long-term protection.

Product Code	Product Name
S40-XX-0000	Parquet Clear Topcoats (15, 25, 100 Gloss/60°)
S50-XX-0000	Yacht Clear Topcoats (15, 25, 100 Gloss/60°)
S70-00-000X	Teak Oil
S62-05-0000	Oil Wax Parquet Varnish
S80-00-0000	Oil Based Deck Varnish
S60-00-9000	Black Chassis Paint (Patina)

-XX- Gloss level for clear/pigmented coatings
-XXXX- Color code for pigmented coatings

Auxiliaries

Erco also manufactures a wide range of advanced water-based, polyester, acrylic and UV drying products, catalysts, thinners, pastes, colorants and pigments to complete its offerings and meet all the needs of the customers.

Product Code	Product Name
A05-00-8000	Acrylic Gold Topcoat
C01-00-XXXX	Dry Patinas
C24-55-0020	Gofrato Paste
H99-20-0003	Catalyst Solution
N05-00-8000	Nitrocellulose Gold Topcoat
N99-20-0001	Matting Paste
S99-25-1000	Besswax Wax
T90-00-0001	Paint Remover
X73-00-0000	1K PP Surface Primer
Y99-00-0001	Anti-silicone Solution



Stains

Colorful and Vibrant

Wood stains are used to highlight its grains and pores, reduce color change over time or improve appearance of wood. Erco offers all solvent and water based wood coloring systems with numerous color options. Product should be well mixed before use. Surfaces which have contaminations like paint residues, resin and sand dusts should be cleaned before.

Product Code	Product Name
C10-00-XXXX	ECECOLOR
C15-00-XXXX	WATER-BASED
C50-00-XXXX	ECETEX
N50-00-XXXX	ECEPAS

-XX- Gloss level for clear/pigmented coatings

-XXXX- Color code for pigmented coatings

Ececolor

C10-00-XXXX

Ececolor Wood Stains are universal concentrated color solution which has high tinting strength and color uniformity. It can be diluted either with water or Erco Nitrocellulosic Thinner. They are suitable for all kinds of wood surfaces like interior furniture, parquet and door etc. Product should be applied before sanding sealer application on veneer and solid wood surfaces with dipping, spray or cloth. They could be added up to 3% for tinting the sanding sealer and top coat varnishes.

Water-Based

C15-00-XXXX

Water-based stains are color solutions. They have tinting strength and color uniformity. It can be diluted with water. They are suitable for all kinds of wood surfaces like interior furniture, parquet, door etc. For exterior uses, after the stains application, we advice to use W6X series exterior products.

Ecetex

C50-00-XXXX

Ecetex Wood Stain is a modified alkyd resin based, air-drying, semi-transparent wood stain which has easy application. It has high tinting strength and can be used for highlighting the textures on the raw wood. As it contains special and inorganic pigments against discoloration and migration, it is suitable for exterior surfaces. It is applied 2-3 layers with brush, cloth or spray. Nitrocellulose, polyurethane or synthetic based varnishes can be applied after total drying.

Ecepas

N50-00-XXXX

Erco Nitrocellulosic Wood Stain is a nitrocellulose based, air-drying varnish which has high tinting strength and provides a homogeneous and decorative appearance to the interior furnitures. Product is applied with spray on all kinds of furniture and wood surfaces where Erco sanding sealer has been applied as a basecoat. It should be applied 2-3 layers crossly according to the desired color tone. Topcoat varnish should be applied after total drying.

Simple and reproducible



Tintmaster

The Tintmaster color system is designed to provide high-quality wood coatings in a wide range of colors for both professionals and end users. Providing the highest quality standards through correct, fast and easy handling, Tintmaster enables tinting of solvent-based coatings and minimizes manual intervention. Tintmaster brings Erco's Color Lab expertise and efficiency directly to its customers. Wood coatings are available in an unlimited range of colors thanks to its extensive service network; Tintmaster is designed to give you the full benefits of the product during application, while achieving the highest color productivity. The bases are designed to meet all service point needs.

Product Code	Product Name
N85-XX-XXXX	Nitrocellulose matt/gloss paints
P85-XX-XXXX	Polyurethane matt/gloss paints
A85-XX-XXXX	Acrylic matt/gloss paints



-XX- Gloss level for clear/pigmented coatings
-XXXX- Color code for pigmented coatings

Thinners

Erco Thinners are perfect solvent blends that are used to bring products to the desired application viscosity before application. When recommended Erco thinners are used for the specific product system, excellent surfaces, desired drying times and performances are obtained.

Product Code	Product Name
T20-00-0001	Polyurethane Thinner
T20-00-0003	Polyurethane Slow Thinner
T25-00-0001	Retarder
T30-00-0001	Nitrocellulose Extra Extra Thinner
T33-00-0001	Nitrocellulose Extra Thinner
T35-00-0001	Nitrocellulose Power Thinner
T37-00-0001	Nitrocellulose Thinner
T40-00-0001	Acrylic Thinner
T50-00-0001	Synthetic Thinner



Quality Systems Certificates

We believe quality is about increasing work performance and customer satisfaction. Our strict quality standards dictate all our processes, from design all the way up to final product testing. Our quality control department doesn't just run standardized tests for the industries we serve; it employs customized test methods to quality check the critical aspects of a product.

Ece Boya's quality systems comply with the internal quality policy as well as with the international standards for Quality Management Systems as defined by the ISO 9001 standard. This standard provide guidance and tools for companies and organizations who want to make sure their products and services consistently meet customer's requirements and that quality and customer satisfaction are consistently improved.

We care about children; we produce products that are respectful to nature and healthy.

We produce our cellulosic and water based product groups in accordance with EN 71-3 standard without adding any harmful substances. By giving importance to the environment and human health, we allow the organizations to use with peace of mind.

EN 71-3 is a European Union standard that restricts heavy metals such as antimony, arsenic, barium, chromium, lead, mercury, and selenium, which can not be released after entering the body.





Other product ranges

Metal coatings

Ultimar - Acrylic Systems
Harpol - Polyurethane Systems
Prolux - Air Rapid Systems
Corodur - Epoxy Systems
Termopol - Oven Curing Systems
Rapicoat - Nitrocellulosic Systems
Sentex - Synthetic Systems

Industrial resins

Polyester Resins
Gelcoats
Vinyl Ester Resins
Pigment Pastes
Auxiliary Products

Contact Details

Ece Boya Kimya San. ve Tic. A.Ş.

a Gebkim Kimya İhtisas OSB, İbrahim Aracı Cad.

No: 1-2 Dilovası / Kocaeli - TÜRKİYE

t +90 (262) 644 45 44

f +90 (262) 644 45 40

Ercö Ece Boya Kimya **▶**

Ece Boya Kimya **in**

Ercoturkiye **📷**

www.eceboya.com **🌐**

