



# Industrial Coating Chemicals



## Who We Are?

### Beyond The Limits...

With more than 30 years of experience in the industry, we work around the clock to provide seamless customer experience to many industries (i.e. Food and Beverage, Logistics and Transportation, Personal Care, Retail, Petroleum, Chemistry, Automotive, Furniture, Glass, Plastic, Packaging and Digital Media etc.) with a wide product range including in both business divisions including Self-adhesive products and chemistry.

### These product ranges are as follows:

#### Self-Adhesive Products

- Pressure-sensitive Label Materials
- Graphics Products and Solutions

#### Inks and Coatings

- UV
- Water-based

#### Industrial Adhesives

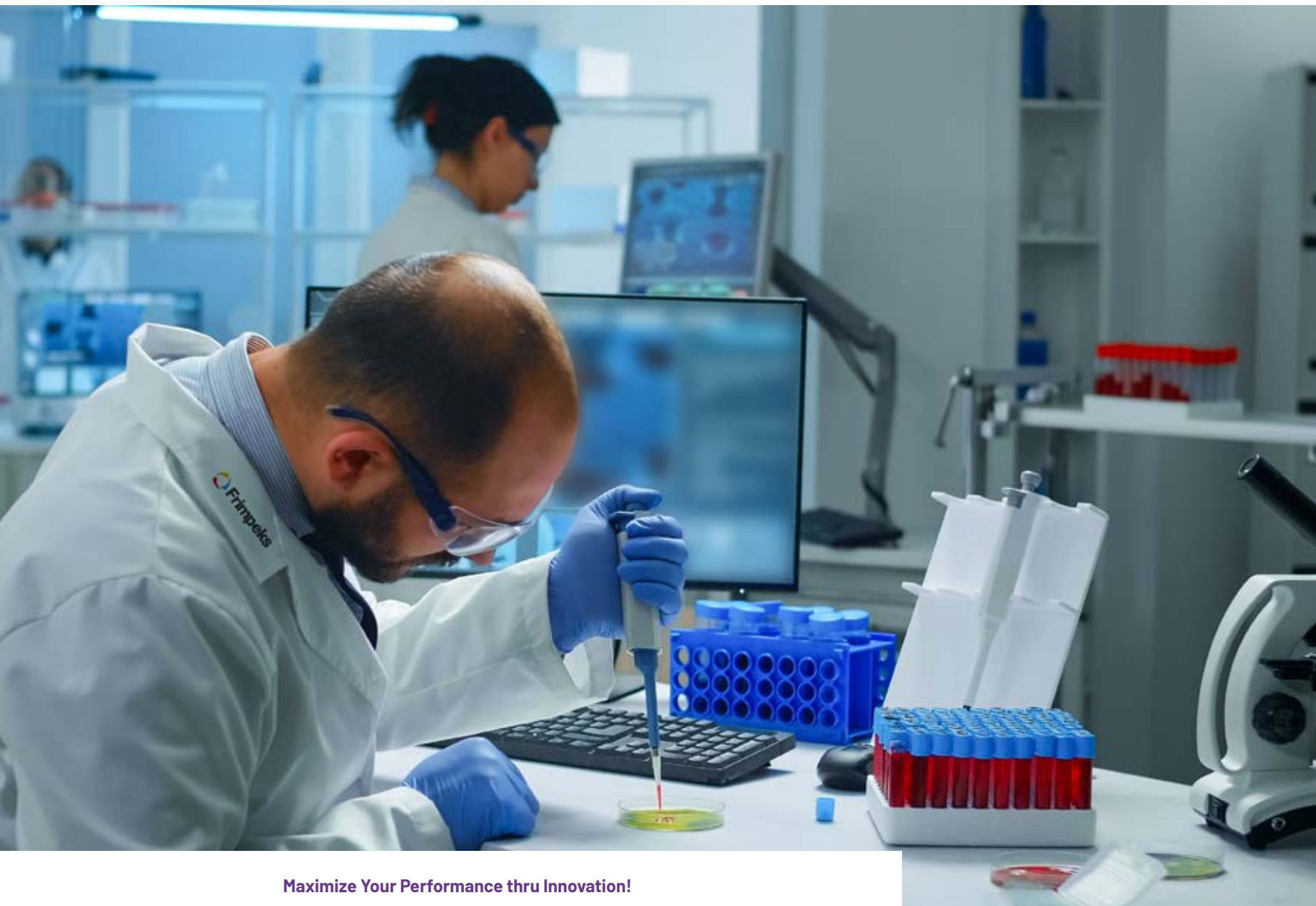
- Flexible Packaging Laminating
- PUR Hotmelt
- Liquid PU
- Water-based Acrylic
- PVA

#### Industrial Coating Chemicals

- Wood
- Plastic
- Glass



# Our Products and Services



Maximize Your Performance thru Innovation!



Chemical-Physical  
Analysis



Tailor-made  
Consulting



Quality  
Control



Product  
Certification

**Performance  
Lab**

# Industrial Coating Chemicals

## Suitable for Your, Demands and Applications!

The new trends demand industrial coatings to provide aesthetic, sustainable, and functional aspects and protection against chemical and physical abrasion, which is always on the rise. These evolving trends put decision-makers, manufacturers, and thought leaders under constant pressure to design more and develop more. With our innovative and wide product range and more than 30 years of experience, we always support industry professionals in overcoming these major challenges.

## The industries that our products address;

### Wood Coating Chemicals

- PDL Flooring
- PDL Backing
- PDL Furniture
- Panel Door Sprey
- Furniture Sprey
- Melamine Coating
- Laminated Floor

### Plastic Coating Chemicals

- PVC Edge Bending
- PVC Panel
- PVC Foil
- Finish Foil
- SPC / LVT Flooring

### Glass Coating Chemicals





# PDL Flooring Chemicals

The laminated floor consists of decorated wood boards. The decor gives the floor the appearance of a high-quality floor covering, like solid parquet, tiles, or natural stone floors. However, laminate flooring is thinner and, thanks to its interlocking profile, faster to install than solid parquet. PDL (Printed Direct Laminate) Flooring Technology was developed as an alternative production technology to DPL (Direct Pressure Laminate) Flooring. Although both technologies have their production processes, you can see from the table below that PDL Technology is one step ahead of DPL Technology.

Process	PDL Flooring	DPL Flooring
1.	Purchase of coating. (Basecoat colors can be changed to any desired color)	Procurement of decor paper sold only in large quantities.
2.	Application of coating on MDF	Impregnating the surface of the decor paper with resin
3.	Completion of cutting and profiling	Completion of the pressing process on MDF
4.	-	Completion of cutting and profiling

**The advantages of PDL Technology over DPL can be summarized as follows;**

- Impacts positively workspace noise levels when used at home or in the office.
- PDL Technology uses paint, whereas DPL Technology uses printed decor paper, therefore changing the paint is much easier and less costly.
- PDL Technology allows you to reduce your warehouse costs and enables very high production capacities (up to 80,000 m<sup>2</sup> per day with just one coating line).
- When industry trends change, DPL Technology requires disposal of decor paper, while PDL Technology allows a color change with a water-based base coat.
- PDL Technology allows you to change the gloss levels effortlessly without making any significant adjustments on the machine, whereas in DPL Technology the “press plate” must be changed.
- Due to the high surface tension of the chemicals used in DPL Technology, it is necessary to press “balancing paper” on the reverse surface of the parquet to prevent the parquet from “cupping”. In PDL Technology, only a small amount of basecoat is applied, providing resistance against moisture and insects.
- Water-based and UV-curable coatings used in PDL Technology are much safer and healthier as they do not contain carcinogenic substances.
- The coating costs of PDL Technology are lower than DPL Technology due to the use of impregnated decor and balance paper for the top surface.

## PRODUCTS

**UV Product Range**

- Sealers
- Corundum (Abrasion Resistance: AC-1 – AC-4)
- Topcoats (Matt, Semi-Matt, Glossy and High-Gloss)
- Coatings with various effects (Haptical Pore, Optical Pore, Emboss)
- Backside coatings

**Water-based Product Range**

- Primers
- Fillers
- Basecoats
- Inks
- Topcoats (Matt, Semi-Matt, Glossy and High-Gloss)
- Backside coatings



# PDL Backing Chemicals

Backing produced with the PDL Technology is used in less visible areas of the furniture where there is not much physical contact. Finishing foils or DPL Technology can also be used as an alternative to painted products. The main reasons for using PDL Technology are its durability over finishing foils and lower production costs compared to DPL Technology. Large MDF and chipboard producers often use PDL Technology in their own facilities. Although both technologies have their production processes, you can see from the table below that PDL Technology is one step ahead of DPL Technology.

Process		PDL Backing	DPL Backing
1.		Purchase of coating(Basecoat colors can be changed to any desired color)	Procurement of decor paper sold only in large quantities.
2.		Application of coating on MDF	Impregnating the surface of the decor paper with resin
3.		Completion of cutting and profiling	Completion of the pressing process on MDF
4.		-	Completion of cutting and profiling

The advantages of PDL Technology over DPL can be summarized as follows;

- Easy applicability in production processes.
- Low production costs compared to melamine surfaces.
- Higher quality compared to finished foil surfaces.
- High production capacities (~80,000 m<sup>2</sup>/day on just one coating line).
- Similar levels of durability as melamine surfaces at lower costs.
- Products are ready for packaging after surface coating.

## Products

### UV Product Range

- Topcoats (Matt, Semi-Matt, Glossy and High-Gloss)

### Water-based Product Range

- Primers
- Fillers
- Basecoats
- Inks



# PDL Furniture Coating Chemicals

In recent years, production technologies have developed especially in furniture production, and the main focus is on faster production and less waste. PDL Technology is specifically developed to provide lower waste rates by surface painting after sizing and drilling processes.

Although both technologies have their production processes, you can see from the table below that PDL Technology is one step ahead of DPL Technology.

Process	PDL Furniture	DPL Furniture
1.	Purchase of coating. (Basecoat colors can be changed to any desired color)	Procurement of decor paper sold only in large quantities.
2.	Application of coating on MDF	Impregnating the surface of the decor paper with resin
3.	Completion of cutting and profiling	Completion of the pressing process on MDF
4.	-	Completion of cutting and profiling

The advantages of PDL Technology over DPL Technology can be summarized as follows;

- No dependency on MDF and chipboard suppliers in case of decor selection.
- Low MDF and fiberboard storage costs.
- The manufacturer minimizes inventory costs by purchasing only one type of MDF and chipboard.
- Possibility to produce the same color for front and back surfaces on a single paint line.
- Higher durability compared to finished foil surfaces.
- Similar level of durability as melamine surfaces at a lower cost
- Products are ready for packaging after painting the surface.

## Products

### UV Product Range

- Fillers
- Topcoats (Matt, Semi-Matt, Glossy and High-Gloss)

### Water-based Product Range

- Primers
- Fillers
- Basecoats
- Inks





# WB-UV Spray Coating Chemicals

Spray coating chemicals enhance durability by protecting surfaces against corrosion, wear, scratches, and environmental effects, while also providing an aesthetic finish.

Additionally, they offer heat and electrical insulation, playing a crucial role, particularly in industrial applications.

Their easy application allows for fast and uniform coating on large surfaces.

With over 30 years of experience, we serve the industry with our UV-SB spray coating chemicals

**UV SPRAY COATING CHEMICALS**  
**SB SPRAY COATING CHEMICALS**  
**PU-UV SPRAY COATING CHEMICALS**  
**PUD SPRAY COATING CHEMICALS**





## WB Spray Coating Chemicals

Water-based spray coating chemicals offer a safer option for the environment and health due to their low VOC (Volatile Organic Compounds) content.

In children's furniture, these coatings not only enhance durability by protecting surfaces from scratches and wear but also provide a safer environment for children with their non-toxic formulas.

Additionally, water-based coatings dry quickly and emit minimal odor, making living spaces more comfortable after application.

At Frimpeks, we offer ideal solutions for safe and durable coatings, particularly for children's furniture. With our eco-friendly formulas, we contribute significantly by developing products that prioritize both environmental responsibility and user health.

### Products

#### Water-Based Product Range

- Primers
- Top Coats



# WB-UV Spray Door Coating Chemicals

Doors are no longer seen as a simple piece of wood separating two spaces; instead, they are now an integral part of the interior design of a house. In this context, regarding the customer's needs, doors are produced from many materials and are named according to the materials used and production practices: wood-coated, Panel, and PVC doors.

Manufacturers work with many different products when producing panel doors, from brushable polyester coatings to water-based or UV-curable topcoats, from water-based spray coatings to Polyurethane-based UV-curable coatings.

Our panel door coating products are not only heat resistant, but they are also developed specifically in partnership with the door manufacturers. Indeed, this partnership approach is part of our culture and working policy.

**UV SPRAY COATING CHEMICALS**  
**PU-UV SPRAY COATING CHEMICALS**  
**PUD SPRAY COATING CHEMICALS**





## Melamine High-Gloss Coating Chemicals

Melamine is coated on chipboard in kitchen and bathroom furniture due to its waterproof, stain-resistant, and easy-cleaning properties. The high thickness of the chipboard is the most important factor determines the quality of melamine-coated cabinet doors.

Melamine coatings resist heat, so hot kitchenware won't stain the surface. However, chemicals like acetone and iron can damage the coating.

We offer an innovative product range that is UV-curable and 100% successful with the coating process to give these above-indicated properties to the furniture and to obtain mirror-effect surfaces.

Thanks to our R&D, we can tailor-made new products for your needs and applications. Especially, new technology products like Excimer for super-matt and soft-touch effects have opened new possibilities in their high-gloss product range.

### Products

#### Product Range for Curtain System

- Primers
- Sealers (suitable for light/dark colors)
- Inks
- Basecoats
- Topcoats (Clear - Pigmented - Excimer)

#### Product Range for Laser Roll System

- Primers
- Sealers (suitable for light/dark colors)
- Inks
- Basecoats
- Topcoats (Clear - Pigmented - Excimer)



## PVC Foil Chemicals

In the furniture industry, we have been successfully serving PVC Foil manufacturers for many years.

By closely following advancements in production technologies, we provide custom solutions to our clients, ensuring the fastest production and highest quality products under the best conditions. Our strategies are designed to enhance our clients' sales efficiency and profitability.

**The product features of our Plastic Coating Chemicals, specifically for PVC Foil production, can be summarized as follows:**• Yüksek ışıık haslıđı

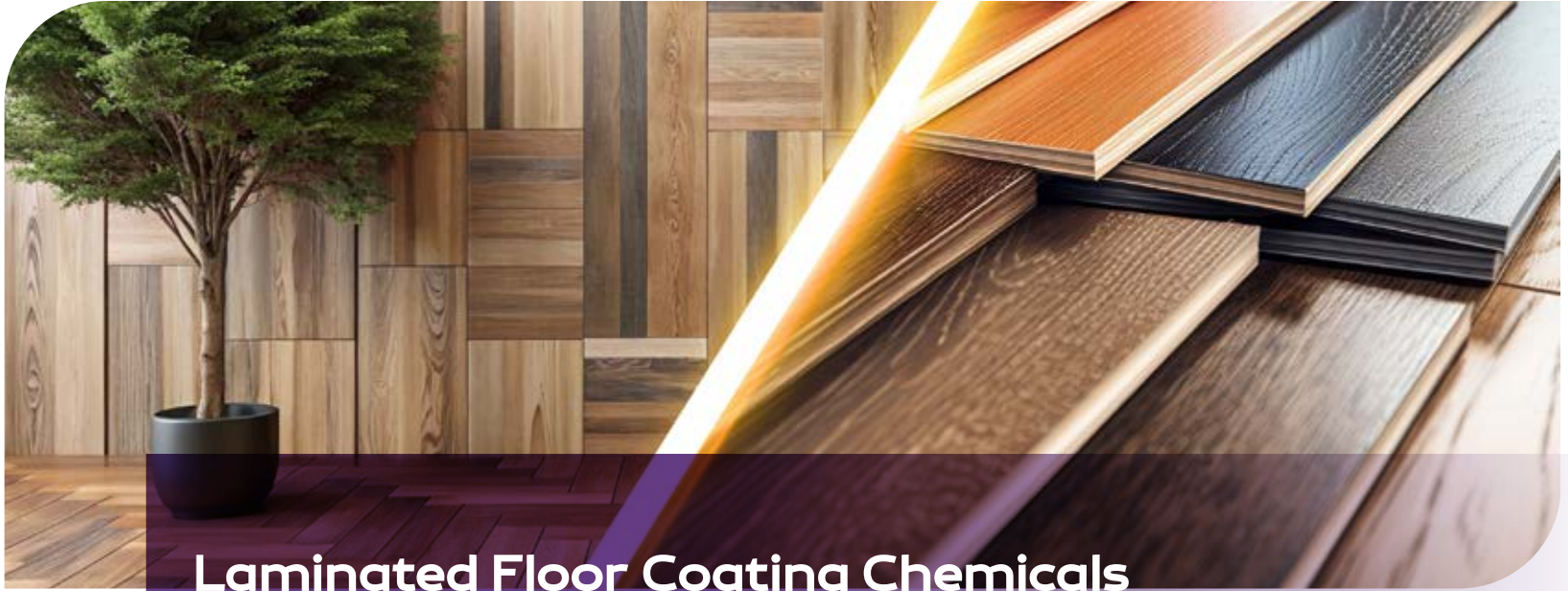
- High lightfastness
- High resistance to weather conditions
- Excellent adhesion properties
- High scratch resistance
- High solvent resistance
- No additional solvent is needed during production due to the special formulation

### Products

#### UV-Curable Product Range

- Inks
- Top Coats (Matt, Deep Matt (excimer), 3D, High Gloss)





## Laminated Floor Coating Chemicals

The laminated floor is produced entirely from natural wood material. After acclimatization and drying, the wood is pressed into laminated flooring, making it moisture resistant.

The laminated floor reflects the warmth of wood to the space you live and cherish. In addition, since it is entirely produced from natural materials, it does not contain any substance harmful to human health.

The laminated floor provides acoustic support to the living spaces by absorbing high-frequency sounds.

Thanks to these features, their use in homes and offices has increased considerably.

### The features of our products for coatings can be summarized as follows;

- Excellent adhesion and coloring with polyurethane-based UV Primer
- Excellent sealing filling properties with UV Fillers.
- Possibility to reach AC 1 to AC 4 wear resistance with UV Al-Ox.
- Perfect sanding and leveling properties with UV Sealers.
- Perfect scratch resistance with multiple UV Topcoats.
- Various gloss levels from 10° to 95°

### Products

#### UV Product Range

- PU-based Primers
- Fillers
- Sealers
- Basecoats
- Topcoats (Matt, Semi-Matt, Glossy, and High-Gloss)

#### Water-based Product Range

- Basecoats

A background image showing a close-up of various colored PVC edgebanding strips (red, white, grey, blue, green) arranged in a complex, overlapping, wavy pattern. A semi-transparent purple banner is overlaid at the bottom of this image, containing the title text.

## PVC Edgebanding Coating Chemicals

We have been successfully serving PVC Edge Band manufacturers in the furniture industry for years.

We work with our customers to come up with innovative product strategies.

We follow the development of the production technologies that will increase the sales efficiency and the profitability of our customers by developing tailor-made solutions in order to increase the production speed and the quality of the process.

**The product features of our plastic coating chemicals for PVC Edge Band production can be summarized as follows;**

- High lightfastness
- High weather resistance
- High adhesion properties
- High scratch resistance
- High solvent resistance
- Thanks to the special formulation, no additional solvents are required in the production process.

## Products

### UV Product Range

- Inks
- Topcoats (Matt, Zero-Matt, 3D, High-Gloss and Excimer)





## PVC Lambri Panel Coating Chemicals

### Add Color to Your Space with PVC Paneling!

Plastic panels are an alternative to traditional wood or stone panels and are easily used in both residential and commercial environments. It emerges as a very cheap option for those who want to make a new wall covering without disturbing the structure and general statics of the building.

The most common types of plastic panels are PVC panels. They come up with many different options including type of material used, color, size and shape.

PVC Panels can be used for a wide variety of purposes (Home and office interiors, ceilings, and walls, caravans, construction sites, garages, etc.), for prefabricated buildings, interior-exterior, roofing, sound barrier, insulation, and more.

Our wide range of UV-curable inks and topcoats (Matt, Zero Matt, High-Gloss, and 3D), which are necessary to produce high-quality PVC Panels, consists of many different products suitable for the needs and application criteria of the customers.

**The features of our Plastic Coating Chemicals for PVC Paneling production, which provide ease of doing business in the industry, can be summarized as follows;**

- High lightfastness
- High weather resistance
- High adhesion properties
- High scratch resistance
- No need to additional solvents required

## Products

### UV Product Range

- Inks (various colors)
- Topcoats (Zero Matt, Matt, Semi-Matt, Glossy and High-Gloss)

### Water-based Product Range

- Inks (various colors)



## Finish Foil Coating Chemicals

We have been successfully serving Finish Foil manufacturers in the furniture and interior door industries for many years.

By staying updated on advancements in production technologies, we provide custom solutions to our clients, offering the fastest production and highest quality products under optimal conditions.

Our strategies are designed to enhance our clients' sales efficiency and profitability.

**The product features of our Plastic Coating Chemicals, specifically for Finish Foil production, are as follows:**

- High lightfastness
- High resistance to weather conditions
- Excellent adhesion properties
- High scratch resistance
- High solvent resistance
- No additional solvent is needed during production due to the special formulation.

### Products

#### **UV-Curable Product Range**

- Top Coats (Matte, Deep Matte (excimer), High Gloss)





## SPC and LVT Flooring Coating Chemicals

layers with a total thickness of 5 mm, including special layers that provide protection against scratches, liquid spills, and sunburn.

LVT (Luxury Vinyl Tiles) is a flooring product that meets the texture and visual effect of covering materials such as natural stone, wood, and marble. In addition to these features, it impresses with its diversity and aesthetics.

It is a product that has found its place among the latest designs.

**The product features of our plastic coating chemicals specific to SPC and LVT parquet production can be summarized as follows;**

- High anti-slip
- High resistance to weather conditions
- High adhesion properties
- High scratch resistance
- High solvent resistance
- Soft touch feeling
- Stain-proof
- High physical and chemical resistance
- Thanks to the special formulation, no additional solvent use is required in production processes

## Products

### UV Product Range

- Topcoats (Matt, Semi-Matt, Soft-Touch and Gloss)

# Glass Coating Chemicals

## Re-Vitalize Your Glass with Our Coatings!

Starting more than 10 years ago, the development of special products for glass coating has been a breakthrough, especially in the flat glass sector.

With our various color options, our product groups for coating flat and hollow glass allow you to change your life.

We have worked with glass manufacturers and introduced many innovations to enhance the industry.



## Glass Coating Chemicals

We provide our customers in the glass industry with UV-curable glass paints and solvent-based primers in various colors as basecoats for digital printing on glass.

The R&D work we have done over the years in the formulation of our glass paints and primers has enabled us to be among the players in this industry by improving our skills and our stance in this industry.

The white ground color we use on the glass surface has a great positive effect on the appearance of digital printing on the surface.

In addition to the existing white ground color; all shades on the RAL catalog are available

### GLASS COATING CHEMICALS

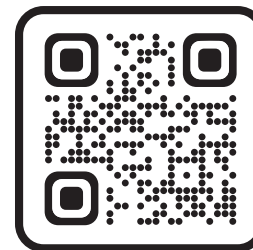
#### SOLVENT BASED PRIMER

#### UV BASED GLASS INKS

**The features of our glass coating chemicals that make it easy to do business in the industry can be summarized as follows;**

- High resistance to silicone adhesives
- High water resistance
- High scratch resistance
- Good chemical resistance
- High opacity





Please scan for more info



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FR-0006-00-EN-0324