

# Product Guide



**Complete Solution  
in Liquid Coatings**

AN ISO CERTIFIED COMPANY

Thinners   Solvents   Lacquers   Industrial Paints  
PU Coatings   EPL Coatings   CED Coatings   Epoxy Coatings

# Specialized

EPL & CED Coating (Electro Phoretic Lacquers) as:

- ★ Clear Lacquers
- ★ Antique Lacquers
- ★ Opaque Lacquers
- ★ Dye Base Lacquers
- ★ Extra Matt Lacquers
- ★ Satin Effect Lacquers



Specialized (Spray Coating) as:

- ★ U.V. Coatings
- ★ Metal Coatings
- ★ Wood Coatings
- ★ Glass Coatings
- ★ Stone Coatings
- ★ Plastic Coatings



# About us



**Jai Shree Paints & Chemicals Pvt. Ltd.** through its eminent corporate brand "Shree Coatings" is today a preferred choice of many industries throughout different states of INDIA. The Promoters of the company have experience for more than four decades in the field of industrial paints & chemicals, industrial thinner is our speciality from long time. We (**JSPCPL**) are one of the leading manufacturer and supplier of a Wide range of Resin, Catalyzed System, Stoving Paints, Stoving Clear Varnish, P.U. Clear, Automotive Colors & Lacquers, Pearl Effect Finishes, Finishes, Hydrophobic Coatings, Ceramic Coating, EPL Coating (Electro Phoretic Lacquer) etc.

In a short time frame, we have the good dignity of being a reliable manufacturer and supplier for above products. Comprehensive assortment of Products comprises of Clears with Hardener, used in various Industrial Applications, like Brass, Zinc, Iron & Aluminum articles industry. Our Chemical can be used in various applications and therefore its perfection on requisite parameters are necessary. The secret behind its superior performance coatings is commitment to craft a specific product to deliver specific benefits;

**Extra ordinary application  
properties | Durability | Scrub Ability | Longevity**

For this we keep on investing in people, business process improvement, innovation and technologies.



# We as Solution

Our main focus is to be one of the leading and advance technological Coating solution provider for Indian as well as in international market in various Industries such as Metal, Wood, Glass, Plastic & Paper. Our aim is to support our customers for new developments and excellent technical services.



# Revolution in Technology

Our products are innovative, diverse and can help the manufacturer realise the competitive markets.

## Better Finishes:

- ✓ Matt
- ✓ Satin
- ✓ Gloss
- ✓ Texture Etc.



ORB Finish

## Improved Performance:

- ✓ Scratch less
- ✓ Adhesion
- ✓ Corrosion Resistance
- ✓ Extra Hardness.



## Appearance

### JUST LIKE AS:

- ✓ PVD Coating
- ✓ Marvelous Feeling
- ✓ Diamond Shine
- ✓ Silky Touch and more Slipness.





# CUSTOMIZATION YOU DREAM ON IT, WE COAT IT.

We 'JSPCPL' offer you with the best customized products. Our products are designed in the way to fulfill customer's requirement according to their need. We have more than 1000's of customized products. We believe in total customer satisfaction, So before buying our product first experience how our finishes actually look on your product, Just provide us with sample of your product and we will finish it according to your need or you can choose from our variety of customized products designed by us.



We 'JSPCPL' are committed in achieving total consumer satisfaction. We use different type of tools that ensure quality assurance of our current positioning in the market beside our competitors. Production and quality testing machine from famous makers in Asia ensure precision of operations and enviable quality of the product. Raw materials of consistent quality from renowned brands are being used and a team of best professionals is at work. We have the most modern state-of-the-art production facilities installed in our unit. Our Research and Development (R&D) and Quality Control (QC) departments are equipped with the best technologies in this country.

# Coating SYSTEM

We offer best selection of performance driven products including low volatile organic and inorganic compound for existing and emerging industries. 'JSPCPL' has an extensive range of other ingredients for formulating high performance coating systems such as:-

## Electrophoretic Lacquers :

"Shree Coatings" - Electrophoretic Lacquers (EPL) provide you with Excellent Gloss/ Matt, Extreme durability, Good adhesion and performance. Our EPL System replace Plating finishes and can be directly applied on metals. It helps you to take a step towards maintaining a Eco-friendly Environment. EPL relies on the migration and deposition of charged particles from a solution onto an opposite-polarity substrate (work piece) under the application of an external power supply. These are water based Coating and can easily be applied on metals such as Aluminium, Zinc Brass, Stainless Steel, Iron and Alloys. It Forms a Unique and labeled Coating on your products. "Shree Coatings" EPL provides you with wide range of finishes such as Colour Shades, Clear finishes, Matt finishes, Satin finishes, Texture finishes etc.

## Spray Coatings :

"Shree Coatings" Spray based coating provides you with excellent Gloss/Matt, Extreme durability, Good adhesion and performance. These are solvent based coating and are categorized on the basis of Stoving based or Air drying based, you can choose from any of the options. Our Spray based Coatings are favorable for any material such as Metals, Wood, Plastic, Glass etc. We provide you with a wide range of finishes such as Metallic finishes, Ceramic finishes, Texture finishes, Clear glossy, Clear Matt and a numerous amount of color shades (Transparent/Opaque).

**ARTWARE | HARDWARE | AUTOMOTIVE | ELECTRICAL GOODS**  
**PLASTIC | GLASS | FURNITURE/WOOD | PRINTING/PACKING**

## Spray Coating Procedure



Make the Solution as mentioned on Shree Coating label. Don't forget to wear your safety equipment.



Fill the Solution in the spray gun.



Spray it all over the surface evenly by maintaining appropriate pressure.



For stoving based coating, place the product in oven and maintain the temperature of 120-140 C – for the time period of 30-35 minutes.



After the time period your product is coated with the finish provided by shree coating.

### Equipment Needed

1. Compressor
2. Spray booth
3. Pilot gun / Electrostatic gun
4. Oven

## Electrophoretic Lacquer Process (EPL)



Rinse your product three times in distilled water. Don't forget to wear your safety equipments.



After Rinsing Take your product in Shree Coating EPL tank, now by using rectifier provide 50-60V for 20-30 seconds.



Rinse again the product for three times in distilled water. Let it force dry/pre oven for 10-15 minutes so that water evaporates completely from the surface.



Place the Product in oven and maintain the temperature of 120-140 C for the time period of 30-35 minutes.



After the time period your product is coated with the finish provided by shree coatings.

### Equipment Needed

1. Main tank
2. Washing tank
3. Ultra filter
4. Cartridge filter
5. Rectifier
6. Oven



# Solvents

Product	Mixing Ratio	CED Coatings	Fast Drying	Slow Drying	Metal	Glass	Wood	Plastic	High Slip	Levelling	Stripper	Dipping	Spray/Electrostatic Gun
Brass Thinner 722, 723, 724, 724(P)	80-90%		⊙		⊙		⊙	⊙		⊙		⊙	⊙
Catalysed Thinner 705, 705A/F, 805	70-90%			⊙	⊙				⊙	⊙		⊙	⊙
P.U Thinner 1621	60-80%		⊙		⊙	⊙	⊙	⊙		⊙		⊙	⊙
Metal Coat Thinner 929	60-80%			⊙	⊙	⊙	⊙	⊙	⊙	⊙		⊙	⊙
Shree Thinner 810,820	80-90%		⊙		⊙							⊙	⊙
Universal Thinner 601,5120	80-90%		⊙		⊙	⊙	⊙	⊙					⊙
Solvent Shiny	05-10%	⊙		⊙	⊙	⊙	⊙	⊙	⊙	⊙		⊙	⊙
Retarder Thinner	10-15%		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙		⊙	⊙
Cutting Thinner II	100%		⊙		⊙	⊙	⊙					⊙	
Cutting Thinner (TEJ)	100%		⊙		⊙	⊙	⊙				⊙	⊙	
Solvent No. 1A	02-03%	⊙			⊙						⊙	⊙	
Solvent No. 2A	01-02%	⊙			⊙							⊙	
Stabilizer (P)	.01-.02%	⊙			⊙							⊙	
Solvent FCA No.1	.05-1.0%	⊙			⊙							⊙	
Solvent FCA (1+2)	.05-2.0%	⊙			⊙							⊙	
Rinse Additive (P)	01-02%	⊙			⊙							⊙	

'JSPCPL' Solvents are used as high performing coatings. It gives good levelling, slipness and self adjust to the coating fast & slow drying. We also provides you with paints strippers (removers) and industrial cleaners for the coating.

# Clears

PRODUCT	BAKING TEMPERATURE	TIME	TESTING PARAMETERS	SOLVENT USED	WATER WHITE	SLIGHTLY YELLOWISH
EPL Clear 1001	130°C-150°C	30-45 Min.	140°C	As Required		☉
EPL Clear 2001	130°C-150°C	30-45 Min.	140°C	As Required		☉
EPL Clear 3001	120°C-140°C	30-45 Min.	140°C	As Required		☉
EPL Clear 4001	120°C-140°C	30-45 Min.	140°C	As Required		☉
EPL Clear 6001	120°C-140°C	30-45 Min.	130°C	As Required		☉
Catalysed SPC Clear (with Hardner)	120°C-140°C	30-35 Min.	130°C	Cat. Thinner 705/724	☉	
Catalysed Clear KD-1 (with Hardner)	120°C-140°C	30-35 Min.	130°C	Cat. Thinner 705/724		☉
Catalysed Clear D-2 (with Hardner)	120°C-140°C	30-35 Min.	130°C	Brass Thinner 722/723		☉
Catalysed 501 Clear (with Hardner)	120°C-140°C	30-35 Min.	130°C	Shree Thinner 810/820		☉
Catalysed TSA 1100 Clear (with Hardner)	130°C-150°C	30-45 Min.	130°C	Cat Thinner 805	☉	
Dura Coat Clear (with Hardner)	100°C-130°C	30-35 Min.	130°C	Brass Thinner 723/724	☉	
Universal Coat Clear (with Hardner)	80°C-120°C	30-35 Min.	120°C	Thinner 705 A/F / 929	☉	
Poly Coat Clear (with Hardner)	0°C-80°C	30-35 Min.	80°C	Thinner 1621	☉	
Metal Coat Clear (with Hardner)	100°C-120°C	30-35 Min.	120°C	Thinner 705 A/F / 929	☉	
AHF Glass Coat Clear 404 (with Hardner)	80°C-120°C	30-35 Min.	120°C	Thinner 705 A/F / 929	☉	
Auto Coat Clear (with Hardner)	0°C-80°C	30-35 Min.	80°C	Universal Thinner - 5120	☉	
TPK 1008 Clear	0°C-80°C	30-35 Min.	80°C	Universal Thinner - 5120	☉	

**Shree Coatings** has introduced as numerous type of coating for different applications. Our main focus is to bring revolution in clear coatings. In the short time, We launched new range of Electro Phoretic Lacquers for metal industries. **Basically our Catalysed & CED System provides Excellent Hardness, Diamonds shine, more slipness and good salt spray life to the articles.** Our products are also used to fulfil fuctional requirements such as corrosion protection, conductivity and others. Therefore it is suitable for coastal areas and makes incredible from others.

EXCELLENT HARDNESS	CORROSION RESISTANCE	HIGH SLIP	SILKY TOUCH	ACETONE RUB 1000 MIN.	SWEAT TEST	DIPPING	CED SYSTEM	SPRAY SYSTEM	GLOSS/MATT	METAL (BRASS/ZINC/ALU.)	PLASTIC	GLASS	WOOD
						⊙	⊙		⊙	⊙			
						⊙	⊙		⊙	⊙			
				⊙	⊙	⊙	⊙		⊙	⊙			
⊙		⊙		⊙	⊙	⊙	⊙		⊙	⊙			
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⊙	⊙	⊙				⊙		⊙	⊙	⊙		⊙	
⊙	⊙					⊙		⊙	⊙	⊙	⊙		⊙
						⊙		⊙	⊙	⊙	⊙		⊙



# Others

Product	Shade	Auto	Stoving	Glossy	Matt	Spray	CED System	Metal	Plastic	Glass	wood
P.U. Colour	All Colors	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Stoving Enamel	All Colors		⊙	⊙	⊙	⊙		⊙		⊙	
Fast Dry / Auto Enamel	All Colors	⊙		⊙	⊙	⊙		⊙	⊙		⊙
Metallic Colour	All Colors	⊙	⊙	⊙	⊙	⊙		⊙	⊙	⊙	⊙
Pearl Effect Colour	All Colors	⊙	⊙	⊙	⊙	⊙		⊙	⊙	⊙	⊙
Antique Finish	Copper / Bronze /Brass	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Satin Finish	Copper / Gold Sliver	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
P.P. Primer	Colourless	⊙		⊙	⊙	⊙			⊙		
Red Stop of Lacquer	Red/Blue	⊙		⊙	⊙	⊙		⊙			
Solvent Dyes	All Colors	⊙	⊙			⊙	⊙	⊙	⊙	⊙	⊙

Company is manufacturing wide range of products used in various industrial application. We are using important & world class quality of raw materials for strong, silky, scratch less & corrosion resistance coatings. Our Range of coating plays a key role in developing high performance surface finish in automotives, woods, plastics, electronics, architectural industries and special coating segments.

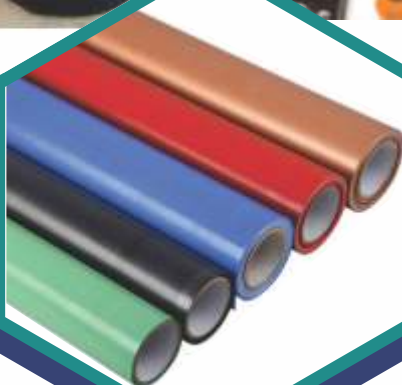


Artware

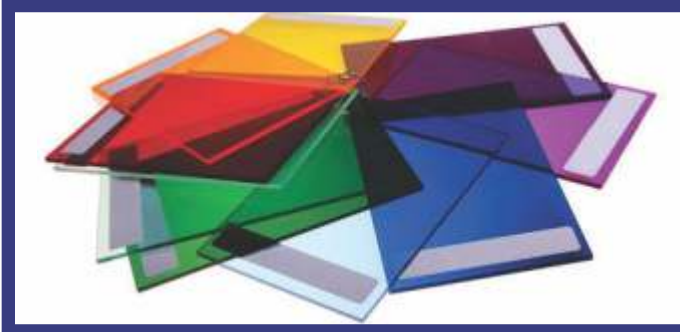
# HARDWARE







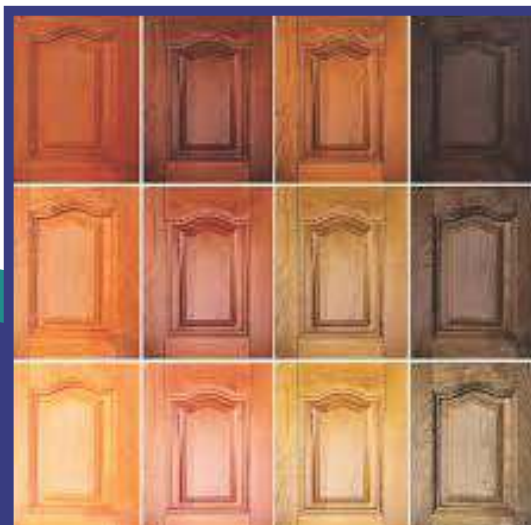
PLASTIC





AutoMotive







# Electrical





AN ISO CERTIFIED COMPANY

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