

VE COAT PTE LTD

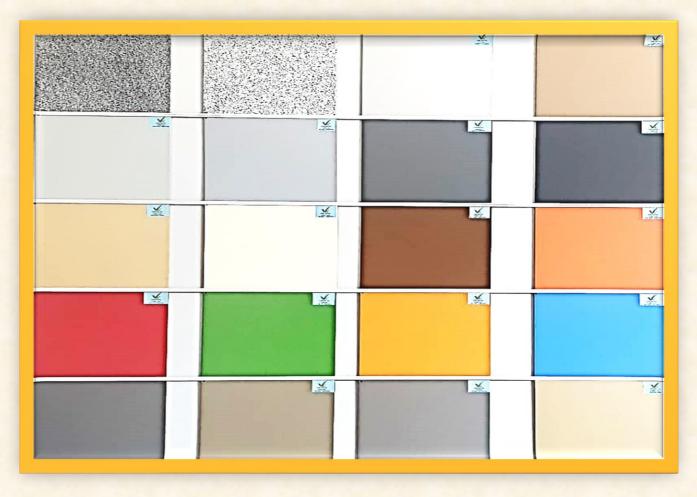
We coat your demand Ontime



Business Profile



Who Are We ?



Ve Coat Pte Ltd specialize in providing high quality coating services such as Polyester Powder Coating, Epoxy Powder coating, etc. Our production facilities are designed to meet our customer's quality and delivery requirements such as

A conveyorized powder coating line with Batch oven specially designed to coat aluminium extrusions and panels.

A painting booths, powder coating booth and curing oven to provide coating on multi-metal fabricated components.

High Quality Coating Services

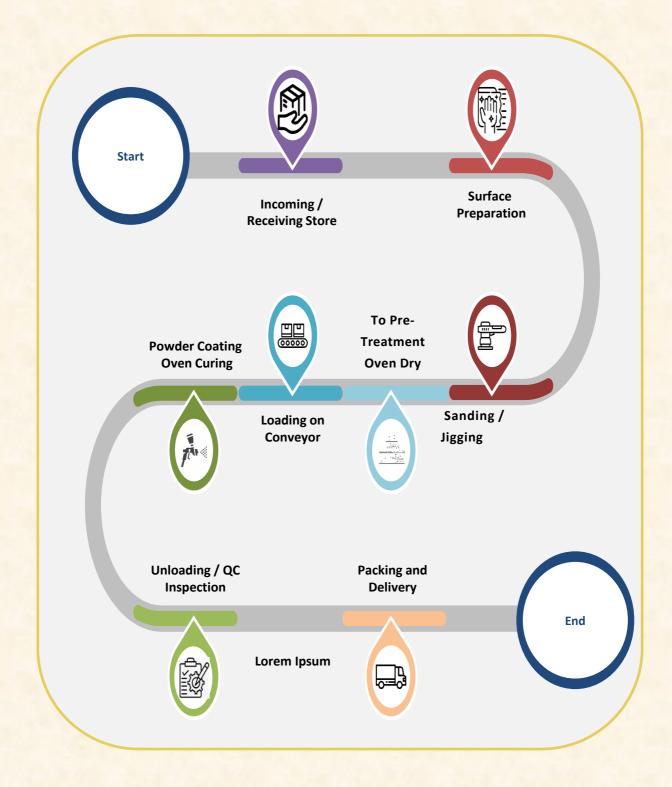
We provide high quality coating services consisting of the following

Polyester powder coating on aluminium windows, doors, panels etc. for the building industry. Epoxy powder coating on metal fabricated parts such as electrical box, Air-con grill, Military components etc

Polyurethane paint and stoved enamel paint on electrical switch box panels, metal door frames and panels etc

We provide a wide selection of high-grade powder and PU paint coatings in a myriad of colors and both to interior and exterior applications.

Process Flow for Powder Coating (Architectural)



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Process Flow for Powder Coating (Architectural)



Sanding / Jigging



Powder Coating



Powder Coating



Loading on Conveyor

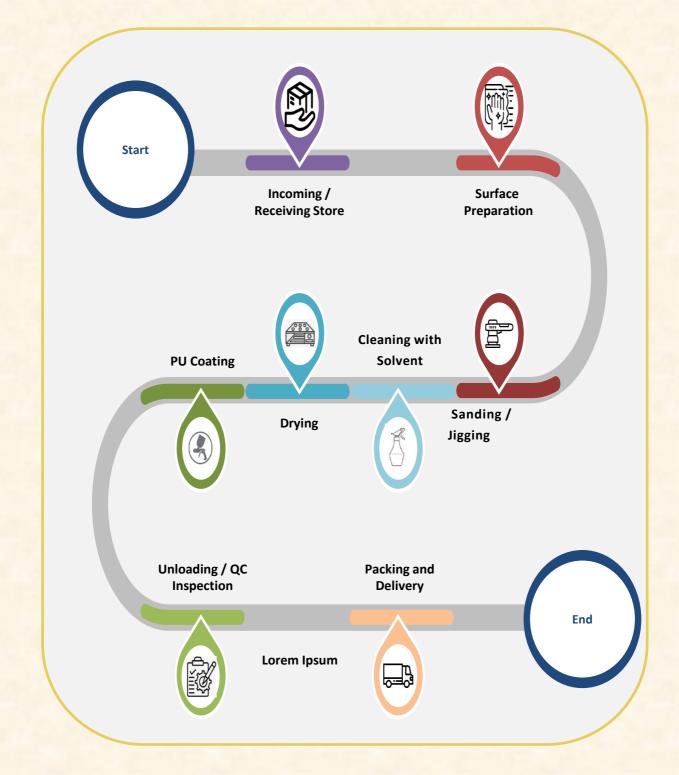


Unloading / QC Inspection



Packing

Process Flow for PU Coating



Process Flow for Pu Coating



Surface Preparation





Sanding



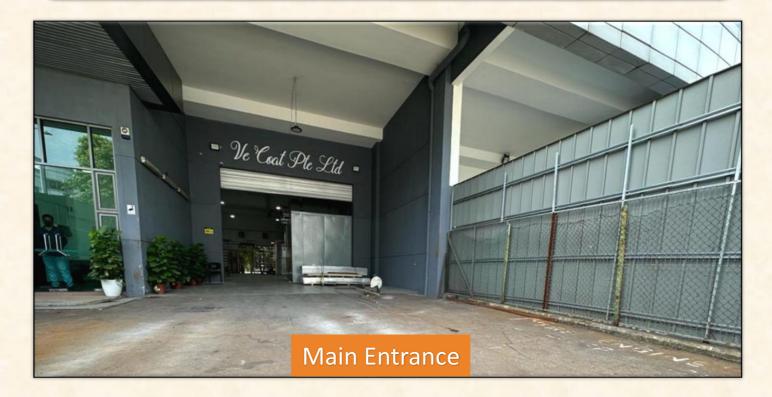
PU Coating

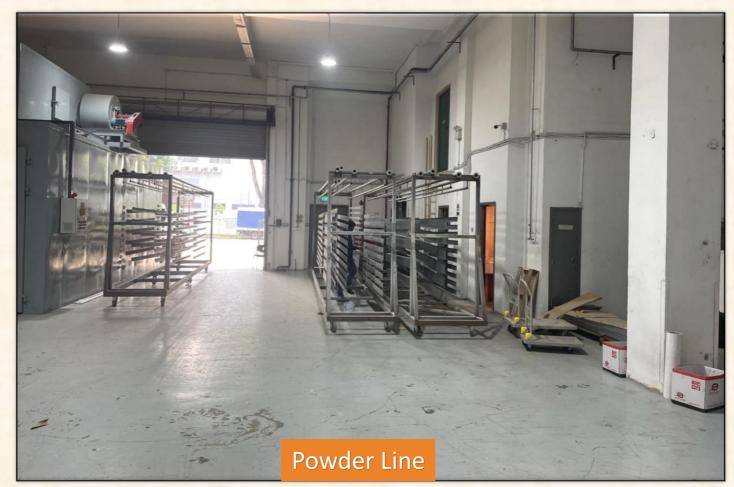


Unloading



Packing & Delivery

















POWDER SUPPLIERS, PROCESS & DETAILS OF POWDER COATING

Powder coating is a dry finishing process and solvent-free paints applied to metal and other conductive surface. The coated part is then placed in an oven where the powder melts into an even, solid coat across the entire surface of the part.

It can provide both functional and decorative surface coatings in a wide range of colors, finishes, and textures that are not readily achievable by conventional liquid coating methods. In architecture, they are widely used for coating of windows and door frames, fencing, building facades.

In an era where compliance with environmental regulations is essential for companies in all industries, the powder-coating process offers an eco-friendly alternative to liquid painting and other commonly applied metal finishing techniques.

Most powder-coat products are free of potentially harmful chemical solves and release few or no volatile organic compounds (VOC) into the atmosphere.

Powder coating comes in a variety of colors and finishes, all depending on the particular needs of the application. Metallic, high and low gloss and clear finishes are all possible with powder coating.

POWDER SUPPLIERS, PROCESS & DETAILS OF POWDER COATING

SUSTAINABLE POWDER COATING

POWDER SUPPLIERS

- OXYPLAST
- DGL
- V.POWDER
- JOTUN
- INTERPON

POWDER GRADE

MATT FINISH - (SOLID & METALLIC)

SEMI GLOSS - (SOLID & METALLIC)

HIGH GLOSS - (SOLID & METALLIC)

SAND TEXTURE FINISH - (SOLID ONLY)

TYPES OF COATING SUBSTRATE

- ALUMINIUM
- STEEL
- ZINC ALLOYS
- COPPER
- GALVANIZED STEEL

Why is every powder coating sustainable?

Brings a long-term cost saving to our customer. Reduces the impact to the environment

SUSTAINABLE POWDER COATING PROVIDE MANY BENEFITS:

- 1. Improved longevity
- 2. Improved productivity
- 3. Reduced waste consumption
- 4. Optimized application
- 5. Reduced energy usage
- 6. Reduced material use
- 7. Sustainable Supply Base
- 8. Environmentally friendly

TYPES OF MATERIAL

- PANEL
- EXTRUSION
- MESH
- DOOR & WINDOWS
- STRUCTURE

QA/QC Procedure

LABORATORY TEST & EQUIPMENTS



DFT Film Thickness Test



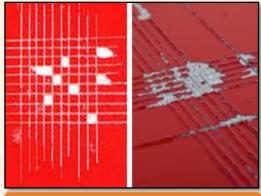
Gloss Level Test



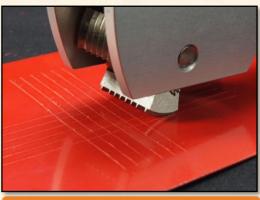
Pencil Hardness Test



Solvent (MEK) Test



Cross Hatch Test



Cross Hatch Test



Colour Reading Test Check with Colour Meter



Impact Resistance Test

CERTIFICATION









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