

Description

Centrecoat 2 Pack PU Hygiene Coating is a water based satin gloss polyurethane finish that provides a very durable and colour fast finish on metal and wood unlike standard epoxy systems. Intended for application on substrates which are previously coated with existing paints or primers.

This product is ideal as a hygienic coating for doors, stairs and furniture and as a topcoat for epoxy or acrylic systems. Centrecoat 2Pk PU Hygiene Coating assures appropriate protection against solvents, moderate alkalines, weak acids and chemical cleaning. It is especially recommended where general urethane performance such as excellent weather resistance, UV resistance, easy cleaning and abrasion resistance is required.

Kills many types of bacteria such as E.coli 0157, Listeria sp., Staphylococcus aureus, Salmonella, Shigella sp and MRSA.

Colour and Finish

Tintable to many RAL and BS shades. Satin finish.

Preparation

Remove grease, oil and all other surface contamination using alkaline or high pressure (steam) cleaning in combination with appropriate detergents. Sand previous coatings that are in good condition to remove gloss and to roughen the surface slightly. Assure that the previous coating is compatible with the Centrecoat 2Pk PU Hygiene Coating by making a test application.

Remove bad adhering coatings by scraping, wire brushing or sanding. Spot prime with recommended coatings. The surface must be clean and dry during application.

Add activator gradually to base material and mix with a mechanical mixing device. Do not dilute during the pot-life. Do not use after 2 hours. Do not store residue of mixed product in a closed can.

Application

Temperature of air, substrate and coating material between 5°C and 35°C and relative humidity below 80 %. The substrate temperature must be at least 3°C above dew point.

- ▶ If applying via brush, apply undiluted. Use a brush with natural long hair bristles.
- ▶ If applying via roller, apply undiluted. Use medium nap (polyamide, 8-12 mm). Apply slowly in even strokes.
- ▶ If applying via airless spray, apply undiluted. Use pneumatic and electric airless equipment. Tip size: 0.013-0.015 inch. Fluid pressure: 200 bar.

Technical Data

- ▶ Density: 1.23
- ▶ Volume Solids: 37%
- ▶ Heat Resistance: 90°C (dry heat). <65°C discolouration may occur
- ▶ Mixing Ratio: 5.66 Base : 1 Activator by volume
- ▶ VOC: 35g/l
- ▶ Pot Life: 2 hours at 20°C
- ▶ Induction Time: 5 minutes at 20°C
- ▶ Wet Film Thickness: 110 microns
- ▶ Dry Film Thickness: 40 microns

- ▶ Touch Dry: 2 hours at 20°C
- ▶ Dry to Handle: 4 hours at 20°C
- ▶ Overcoatable: 24 hours at 20°C

► Fully Cured: 2 days at 20°C

Coverage

- Approx 6.2 m² per litre at 60 microns for floors
- Approx 9.2 m² per litre at 40 microns for other applications

Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

Clean Up

Clean equipment and tools with water and soap before product dries.

Storage

Store in dry, well-ventilated and frost-free areas, not in direct sunlight at temperatures between 5° and 35° C. Opened activator cans must be used within 1 week.

Shelf Life

Base 2 years and activator 1 year from the date of production in unopened cans.

Packaging

Available in 5 Litres

Recommendations

Max dry film thickness for floors: 75 µm dry, 200 µm wet. For walls: 60 µm dry, 160 µm wet. For use on floors submitted to heavy abrasion, standard and medium colours are recommended. In case of deep and/or bright tones (red, yellow, orange, green, blue etc), it is advised to apply a clear topcoat. The product is not recommended in case of stagnating water and/or immersion.