



Smart HP

Smart HP 2K PU Finish 22

SPPUF22 & SPTBPUF22

1L SET (0.8L & 0.2L HARDENER) & 5L SET (4L & 1L HARDENER)



Description

SMART HP 2K PU Finish 22 is a high solid aliphatic polyurethane top coat developed to provide a highly durable, colour retention and luxurious gloss or satin in various colour or clear finishes, incorporating an extensive range of performance characteristics. It is to be applied over proven and durable systems, offers an outstanding performance and colour retention in indoor and outdoor exposures especially in car parks and walk ways.

- Excellent wetting of substrate
- Weathering durrability
- Non-yellowing and does not chalk easily
- Good application properties , flow and levelling

Application Area

- Floor concrete
- Floor Tile
- Primed steel
- Metal roofing
- Galvanized ion

Composition

Pigment	:	Organic and Inorganic Pigment
Binder	:	Polyol & Isocyanate
Volume Solid	:	60%

Properties

Finishing	:	High Sheen
Colour	:	Clear & Variety of colours (refer colourcard)
Density	:	0.97 – 1.15 (Depends on colour)
Pot Life	:	4 hours
Mixing Ratio	:	4:1 (by volume)
Theoretical Coverage	:	6.20 m2 per litre per coat based on 100 µm dry film thickness (depends on colour) 3.10 m2 per litre per coat based on 200 µm dry film thickness (depends on colour)
Drying Time	:	Touch Dry: About 4 hours (Dependent on temperature and humidity and thickness applied) Hard Dry: About 9 hours (Dependent on temperature and humidity and thickness applied)
Recoating Interval	:	4 hours minimum based on normal condition

Application Method

Brush	:	For normal use thinning is not necessary.
Roller	:	For normal use thinning is not necessary.
Conventional Air Spray	:	Thin with 10 – 20% by volume with PU solvent and adjust to requirement.
Airless Spray	:	Thinning is not usually necessary. Can be thin 5 – 10% volume with PU Solvent to assist application.

Surface Preparation

Remove all loose, defective paint or powdery residues, loose chalk, dust and foreign matter. Repair cracks, uneven surfaces with suitable fillers. Smoothen the putty / filler areas with sand paper. Surfaces to be painted must be cleaned thoroughly and dry, it must be free from dirt, grease and other foreign matters. Allow all surfaces to dry completely prior to painting. Avoid painting when the moisture content and alkalinity of the walls are still high. (Recommended painting specification requires the moisture content of the walls to be below 16% measured by protimeter and alkalinity of the walls to be below pH 9.)

Painting Guide

Surface Condition	Primer(1 coat)	Top coat (1 - 2 coats)	Finish -1 coat (Optional)
For Recoat Floor Surface with previous coating cleaned	<ul style="list-style-type: none"> • Smart HP PU Exterior Flake Primer 33 • Smart Epoxy Tile Primer • Smart Epoxy BE4 Primer 	Smart HP 2K PU Finish 22	SMART HEAVY DUTY 2K POLYURETHAN EXTERIOR CLEAR 88
New Cement Floor Surface	<ul style="list-style-type: none"> • Smart HP PU Exterior Flake Primer 33 • Smart Epoxy Tile Primer • Smart Epoxy BE4 Primer 	Smart HP 2K PU Finish 22	SMART HEAVY DUTY 2K POLYURETHAN EXTERIOR CLEAR 88

Company Identification

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