

Product Data Sheet

GR – PU Top Coat



UV resistant polyurethane floor and wall coating

DESCRIPTION

GR – PU Top Coat is a two-component solvent based polyurethane topcoat. Once cured it provides a UV and scratch resistance with excellent adhesion to concrete and most surfaces.

Uses

Long lasting protection and UV resistant layer for:

- Car parks
- Swimming pools
- Industrial flooring
- Labs

And any concrete or epoxy floors, walls and ceilings.

PHYSICAL PROPERTIES

Test	Results
Finish	Gloss & semi - gloss
Color	Custom RAL Colors
Viscosity	70 ± 0.05 KU
Density	1.1 ± 0.05 kg/ L
Solid content	55 %
Dry layer thickness	45- 50 µm
Pot-life	4 hours at 25 c°
Surface dry	1 house
Hard dry	2 - 3 hours
Mixing ratio	2 Part A : 1 Part B by weight
Min. application temperature	5 c°
Dilution	Can be diluted

ADVANTAGES

- Easy and fast application.
- Suitable for interior & exterior applications.
- UV resistant.
- scratch resistant.
- Good adhesion to surfaces.
- Solvent and chemical resistance.
- Outstanding abrasion resistance.
- Resistant to salts, alkali & acid solution.
- Slip resistant finish.

SURFACE PREPARATION

- The surface must be free of dirt and oil.
- Surface moisture less than 5%
- Modified cracks with GR putty.
- Apply primer layer from GR Primer

APPLICATION METHOD

- Mix 2 components by mix ration of 2 part A : 1 Part B for 5 mins until completely homogeneous by low-speed mixer.
- For roller application 10 % thinner can be added to the mixture (optional).
- 20 % thenner can be added for airless spray applications (optional).
- Apply mixture by roller or spray.
- A second layer can be applied after first layer dries.

PACKING & COVERAGE

Product	Packing size
GR- PU Topcoat	18 & 3 Liter kits
Theoretical Coverage	
10 – 12 m ² / kg at thickness 45 µm	

STORAGE & SHELF LIFE

Product containers should be stored at 25°C in dry conditions away from sunlight exposure. Shelf life is approximately 12 months.

HEALTH AND SAFETY

- Application of material should be under good ventilation, avoid inhalation of vapor.
- Use goggles and vinyl gloves.
- In case of contact with eyes, rinse immediately with plenty of clean water, do not use solvent and seek medical attention immediately.