

Product Data Sheet

GR- PU FLEX 200



Solvent Free, high Elastic Polyurethane-Epoxy System.

DESCRIPTION

GR- PU FLEX 200 is a multi-purpose solvent free two components protective Coating system based on high elastic polyurethane epoxy resin and cyclo aliphatic amine hardener.

APPLICATION

Used for Interior and exterior applications as a topcoat paint at:

- Painting cooling rooms, refrigerators until -25 °C
- As a cold application of electrometric waterproofing membrane.
- Sewer pipes
- Industrial flooring
- Swimming pools / Water tanks
- Labs and Hospitals

PHYSICAL PROPERTIES

Test	Results
Finish	Gloss
Color	Clear
Viscosity (Ford cup 8)	30 poise
Density	1.05± 0.05 kg/ L
Solid content	100%
Mix ratio	3A:1B
Dry layer thickness	0.5-2 mm
Hardness AS1683.15.2	95 Shore A 53 Shore D
Pot-life	30 mins at 25c°
Initial setting time	4 hours
Final setting time	24 hours
Full hardness	7 dyes
Permeability DIN 1048	Zero

ADVANTAGES

- Solvent free, 100% solids
- Suitable for interior and exterior application
- waterproofing
- high flexibility , adhesion
- Good chemical, water salt resistance
- Suitable for new and existing floors

MIXING AND APPLICATION INSTRUCTIONS

SURFACE PREPARATION

- Surface must be free of dirt and oil.
- Surface moisture less than 5%
- Modified cracks with PUR sealant

PRODUCT MIXING: Pre-mix each component separately for 2-3 minutes each. Then combine the two components, mix well with slow speed mixing equipment such as a jiffy mixer until the material is thoroughly mixed and streak free. avoid whipping air into the coating ; Improper mixing may result in product failure.

PRODUCT APPLICATION: The mixed material can be applied by brush or roller. Maintain temperatures and relative humidity within the recommended ranges during the application and curing process.

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 should be carried out in well ventilated place.
- Gloves, protective clothing and eye goggles should be worn during application.
- Skin contaminations should be immediately cleaned with soap and plenty of water. (Don't use solvent).
- If the material is splashed into the eyes, they should be immediately washed with water and then report to an eye specialist.
- Do not eat or smoke while using it.