

Product Data Sheet

GR – Epoxy SL 90



Self- Smoothing Pigmented Epoxy Resin

DESCRIPTION

GR- Epoxy SL 90 is a 2 part self smoothing epoxy solvent free high build flooring system. Consists of epoxy resin & special hardener, created to provide dry layer with thickness between 0.5 and 2 mm. After application it provides a surface that is abrasion and impact resistant with great leveling properties.

Applications

Provides a thick protective abrasion and chemical resistant floor coating suitable for:

- Industrial flooring
- Showrooms
- Kitchens
- Storage areas
- Labs & clean rooms
- Hospitals
- Factories
- Car parks
- Workshops

PHYSICAL PROPERTIES

Properties	Values
Color	Multi-color
Soild content	100 %
Specific gravity	1.3 g/ L
Recommended DFT	0.5 – 2.0 mm
Bending Strength	40 N / mm ²
Compressive strength	70 N / mm ²
Tensile adhesion strength	24 N / mm ²
Pot Life	45 Mins at 25 °C
Initial setting time	8 hours
Final setting time	24 hours
Full hardness	7 Days
Rate of use (theoretical)	1.3-1.5 kg/m ² /mm. thickness

Packing

Kit 15 kg: (15 kg Part A & 3 kg Part B)

ADVANTAGES

- Easy & fast application.
- Excellent adhesion.
- Solvent free (no odur during application).
- Resistant to salts & alkali.
- Self-smothing surface.
- Creates an anti-slip surface.
- Easy to clean surface.

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

Mix ratio

5 Part A : 1 Part B by weight

APPLICATION METHOD

- Mix part A & B slowly till homogenous using electric drill according to mixing ratio.
- Pour the mixture on the surface and spread to specified thickness using notched trowel.
- Remove slight trowel marks and assist air release

STORAGE & SHELF LIFE

Product containers should be stored at 25°C in dry conditions away from sunlight exposure. Shelf life is approximately 24 months.

HEALTH AND SAFETY

- Application should be carried out in well ventilated place.
- Skin contaminations should be immediately cleaned with soap and plenty of water
- If splashes of material into the eyes, you should be immediately wash with water and seek medical professionals.
- Keep material away from fire sources.
- Refer to SDS for more safety related data.