

Product Data Sheet

GR – Epoxy Putty



Non shrink – Crack Filler Epoxy Putty.

DESCRIPTION

GR – Epoxy Putty is solvent free two component consisting of epoxy resin with special hardener system and selected filler.

Uses

Used as a crack, hollows and pores up to 2 cm width and 2 cm depth, the mixture fills interior and exterior applications on cement , gypsum, concrete, steel and wood surfaces.

PHYSICAL PROPERTIES

Test	Results
Color	White - gray
Density	1.70 ± 0.05 kg/ L
Solid content	100 %
Pot-life	45 mins at 25 cº
Initial setting time	8 – 10 hours
Final setting time	24 hours
Full hardness	7 days
Adhesion to concrete	> 25 kg/ cm ²
Mixing ratio	4 Part A : 1 Part B by weight
Min. application temperature	5 cº
Dilution	No dilution

Chemical Resistance (at immersion time of 7 days)

Sulphuric acid 50 %	No softening + No bubbles + No change in colour
Nitric acid 20 %	
Sodium hydroxide 50%	
Ammonium nitrate	

ADVANTAGES

- Easy to apply
- Suitable for interior & exterior applications.
- Cracking, sagging and shrinking resistance.
- Resistant water, salts & alkali.
- Excellent hardness.
- High mechanical strength.

SURFACE PREPARATION

For general Surfaces:

- The surface must be free of dirt and oil.
- Old paint layer must be removed.
- Surface moisture less than 5%

For steel Surfaces:

The surface must be sound clean before application

For concrete surfaces:

Application must be applied before primer

APPLICATION METHOD

- Mix 2 components by mix ration of 4 part A : 1 Part B for 5 mins until completely homogeneous by low-speed mixer.
- Apply mixture by trowel or scrapper during pot life.
- After fully cured GR-Epoxy Putty can be sanded to reach a smoth surface.
- Apply final coat after the putty fully dries.

Packing Size

(Kit A+ B = 5kg) 4 kg A and 1 kg B

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

- Handle with care before and during use.
- 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.
- Refer to MSDS for furthur safety information.