



Uniguard Epoxy Putty Fine

Product Description

Uniguard Epoxy Putty Fine is a high-quality repairing solvent free epoxy putty formed by two components to fill up fine imperfection irregularities and fairing the surface of concrete floors prior to applying topcoats. It is compatible with common epoxy resin coatings and offers the benefits of a fast-drying system, with easy application and exceptional results.

Features and benefits

- Extended working time allows use at temperatures up to 45C°.
- Easy to apply.
- Non-sag product, even at high temperatures.
- Hardens without shrinkage.
- Excellent mechanical strengths.
- Excellent chemical and ageing resistance.
- Has smooth thixotropic properties, allowing use on vertical surfaces.
- Can Used for overhead anchoring.

Typical use

- Adhesive levelling and smoothing putty for concrete, stone, ceramics, mortars, renderings, metals, wood, epoxy.
- Concrete fine repairs.
- Structural adhesive for precast concrete segments.
- Crack and surface sealing.
- Filling tile joints.

Product Data

Information	Mixed	Comp A	Comp B
Packaging size	3 kg, 10 kg	1.5 kg, 5 kg	1.5 kg, 5 kg
Colors	Light Grey	Biege	Light Grey
Density @ Ambient Temp. g/ml	1.70-1.80	1.70-1.80	1.75-1.85
Viscosity @ Ambient Temp.	Paste		
Bond Strength @ 2mm thickness	48 N/mm ²		



Application data

Mixing Ratio	Comp.(A): Comp.(B) = 1:1 by weight and volume.		
Pot life (@ Ambient Temp)	35 - 40 min.		
Application Tool	Trowel, Spatula or Knife		
Service Temp.	8C°-35C°		
Min Thickness	Pin holes	Crack Filler	Adhesive
	Up to 3mm	Up to 3mm	Up to 2mm
Coverage	Depending on application		
Initial Cure	1 hr.		
Final Cure	7 days		

Surface Preparation:

All surfaces must be clean, free from frost, standing water and all loosely adhering particles. Cement laitance must be removed. Concrete must be at least 3 - 6 weeks old, depending on climate, wire-brush, sand-or water-blasted or grind substrates.

Mixing:

Mix components (A+B) together for at least 5 minutes with a mixing paddle attached to a slow speed electric drill until the material becomes smooth in consistency and even grey color of the mixture is obtained.

Cleaning of Tools:

Clean all tools and equipment immediately after use with any suitable solvent like xylene and MEK.

Limitations:

- When working at a higher temperature than recommended, the pot life will be shortened. Similarly, when working at lower temperatures, the material will become more difficult to apply and takes longer to harden.
- Discolored spots appear on the surface at high humidity conditions.
- After mixing the two components, the mixture temperature increases.

Storage:

Store in shade, under normal weather temperature and in dry conditions.

Health and safety:

Possible Hazards: it causes irritation in case of skin contact & eye contact, flush immediately with plenty of water for at least 10 minutes and seek medical advice in case it happened.