

EPIBOND FLEXIBLE

Epoxy Gap Filling Adhesive

Description

A two component, solvent free epoxy urethane bonding paste designed to bond metal and concrete where a flexible joint is desired.

Applications

- Bonding metal to metal.
- Bonding concrete to concrete, i.e. construction joints.
- Bonding metal to concrete.
- As a chemical resistant sealant.
- The bonding of rubber composites to steel and concrete.

Advantages

- Colour coded mixing.
- No special tools or equipment required.
- High bond strength with good flexibility even at low temperatures.
- Suitable for both horizontal and vertical applications.
- No priming required.
- Excellent chemical resistance.

Technical Information

Mixing Ratio:	100:41 by weight (only full units to be mixed)
Pot Life:	2 - 3 hrs @ 20°C 5 - 7 hrs @ 5°C
Initial Cure:	Overnight @ 20°C
Full Cure:	7 days @ 20°C
Shore Hardness 'A':	65 @ 20°C 75 @ 5°C
S.G.:	1.16
Tensile Strength:	2-3 MPas
Elongation:	50%

Surface Preparation

All surfaces should be clean, dry, free from oil, grease and chemical contamination. Oil and grease can be removed using Desolve. Concrete surfaces should be free from laitance which should be removed by either scarifying or etching with Chemclean. If etching with Chemclean, once the reaction has ceased the surface should be thoroughly washed with clean water and allowed to dry.

Mixing

Material should be mixed on a clean non-absorbent surface until a smooth, uniform coloured, even consistency is obtained. Only full units should be used.

Application Instructions

The mixed Epibond Flexible should be applied with a float, spatula or spreader and where possible the Epibond Flexible should be applied firmly onto both substrates. In cold conditions it may be necessary to aid curing by the use of tenting and warm air blowers. Clean all tools and equipment after use with Nuwash.

Packaging

Epibond Flexible is available in 0.75 kg units (0.59 litre) and 5 kg units (3.93 litre).

Storage

Epibond Flexible should be stored at normal temperatures. If stored in cold conditions the containers should be warmed prior to mixing. This will greatly aid the mixing and application procedure. Epibond Flexible should be stored away from foodstuffs and out of the reach of children.

Health & Safety

Epibond Flexible, like similar products, is capable of irritating unprotected sensitive skins. We therefore recommend the use of a suitable barrier cream and/or gloves.

Limitations

Do not apply at temperatures below 5°C.

Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors. Technical representatives are available throughout the UK to provide further information and arrange demonstrations.



Kingston House, 3 Walton Road, Pattinson North, Washington, Tyne & Wear, NE38 8QA, United Kingdom.
TEL: +44 (0) 191 416 8360 FAX: +44 (0) 191 415 5966 W: www.nufins.com E: info@usluk.com

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