

PRODUCT DATA SHEET

EVERBUILD® EpoxySET 106 Rapid Cure

HEAVY DUTY EPOXY MORTAR KIT

PRODUCT DESCRIPTION

EVERBUILD® EpoxySET 106 Rapid Cure is a three part, rapid setting, high strength repair mortar based on epoxy resin technology. Formulated to withstand chemicals, impact and abrasion and can be used for rapid repairs to concrete, screeds, stone, brick and steel in even the most demanding domestic and industrial situations, especially where same day trafficking is required. Pack includes finishing solvent and gloves.

USES

- Heavy traffic areas
- Steps
- Walkways/Ramps
- Industrial floors

CHARACTERISTICS / ADVANTAGES

- Fast setting for same day/morning trafficking
- Excellent chemical resistance
- Excellent impact and wear resistance.
- Can be laid in thin sections.
- Greater physical strength than conventional cementitious systems.

Abrasion resistance	High
Adhesive strength to concrete	Greater than the internal tensile strength of most concrete
Service Temperature	-20°C to +50°C

PRODUCT INFORMATION

Packaging	5kg & 15kg Tubs
Appearance / Colour	Grey
Shelf Life	24 months from date of manufacture.
Storage Conditions	Store in cool, dry conditions away from direct sunlight, between + 5°C and 25°C. Keep in original containers.
Density	2.03g/cm ³ (mixed)

TECHNICAL INFORMATION

Compressive Strength	>90N/mm ² (EN12190)
Tensile Adhesion Strength	>3N/mm ² (EN1542)

APPLICATION INFORMATION

Consumption	5kg of mixed product will cover approximately 0.75m ² at 3mm depth.
Ambient Air Temperature	Application /curing temp +4 to +40°C

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Ensure surfaces are clean, dry and free from flaking material, dust, rust and grease. Saw/chisel edges to a defined area to a depth of 3mm. When applying to steel, shot blast, grind, or emery to a bright finish and remove residues.

APPLICATION

Before use, wear gloves provided. Add the complete contents of the liquid hardener component into the base resin using the outer bucket as the mixing vessel. Mix in sand thoroughly with a slow speed drill and paddle. Apply to surfaces to a minimum depth of 3mm (maximum 25mm). Trowel to desired finish with a clean steel trowel. Wipe the trowel intermittently with finishing solvent to reduce drag.

CLEANING OF TOOLS

Clean tools with finishing solvent or xylene.

LIMITATIONS

- Always mix as directed using all components.
- Do not use any other aggregates apart from those provided.
- Do not use where application would trap moisture within the substrate or in situations where hydrostatic pressure could break the bond.
- As the manufacturer cannot know all the uses its products may be put to, it is the users responsibility to determine suitability for use. If in doubt, contact technical services department for advice.

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

Consult MSDS for full list of hazards.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

EVERBUILD BUILDING PRODUCTS LTD

Site 41, Knowsthorpe Way
Cross Green Industrial Estate
Leeds, LS9 0SW
Tel: 0113 240 3456
Web: www.everbuild.co.uk
Twitter: @everbuild

SIKA LIMITED

Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
Tel: 01707 394444
Web: www.sika.co.uk
Twitter: @SikaLimited

SIKA IRELAND LIMITED

Ballymun Industrial Estate
Ballymun
Dublin 11, Ireland
Tel: +353 1 862 0709
Web: www.sika.ie
Twitter: @SikaIreland