



720 EPOXY MORTAR

DUAL - COMPONENT EPOXY PUTTY



ECO FRIENDLY



HIGH STRENGTH



RAPID SETTING

DESCRIPTION

Davco 720 is a moisture tolerant, trowelable dual-component epoxy based repair mortar & adhesive. The 2 pre-measured components are easy to mix and apply, with strong adhesion to various construction materials.

CHARACTERISTICS

- Adhesive & cure under cold and damp conditions.
- Non shrink
- Chemical resistant.
- Rapid-setting.
- Non staining.
- Good abrasion resistance
- Impermeable to water and vapour

USES

As a structural epoxy adhesive and mortar for

- Repair of structural cracks
- Repair of corners and edges.
- Vertical and overhead repair of spalled concrete.
- Structural gap, holes and void filling.
- Embedment of hooks, fixings, bolts.
- Bonding of Steel, Iron, Aluminium.

USED ON

- Concrete
- Precast surface
- Metal
- Bricks
- Ceramics
- Natural stones
- Fibreglass

SPECIFICATIONS

Mixing Ratio Part A : Part B = 2:1 by weight

Consistency : Thixotropic paste

Density : 1.75 kg per litre (after mixed)

Compressive strength : 80 N/mm²

Tensile bond strength : 10 N/mm²

Tensile strength : 15 N/mm²

Touch dry : 3 hours @ 25°C

Full cure time at 30°C : 7 days

Pot life of mixture : 60 mins @ 25°C

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

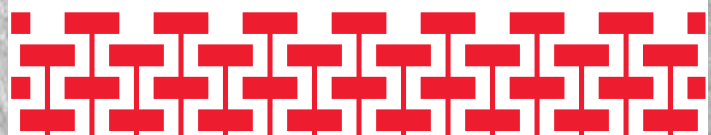
SURFACE PREPARATION

Metal should be grit-blasted, mechanically abraded or degreased to obtain clean surface for maximum adhesion. Painted metal surface should be cleaned using proprietary brand paint stripper. Concrete should be mechanically abraded or wire brushed to remove laitance, contaminants and remain free from oil, grease, etc. Painted concrete surface may be flame cleaned or mechanically abraded.

MIXING

Mix Parts A+B together for at least 3 minutes with a mixing spindle attached to a slow speed electric drill (max. 300 rpm) until the material becomes smooth in consistency and a uniform grey colour. Avoid aeration while mixing. Then, pour the whole mix into a clean container and stir again for approx. 1 more minute at low speed to keep air entrapment at a minimum. Mix only that quantity which can be used within its pot life.

BUILDING TRUST





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Incorrect mixing ratios or poor mixing can result in lower physical properties or the cured system may cure unsatisfactorily and discolour Davco 720 on ageing. Properly mixed Davco 720 will not stain or discolour white or light coloured marble or ceramic.

PACKAGING

5 kg set - Part A 3.3 kg
Part B 1.7 kg

CLEANING

Uncured material can be removed using epoxy thinners.

SHELF LIFE

Shelf life of up to 12 months when stored in unopened original packing in dry, frost-free conditions.

RECOMMENDATIONS

- Avoid prolonged contact with skin or use a barrier cream during handling.
- Wash affected area with soap and warm water.
- Should ill effects occur, seek medical attention promptly.
- Refer to safety data sheet.

Disclaimer

The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Specifications are subjected to changes without prior notice. Before application, customers and users are requested to check that they have the latest version of this document from our website www.sika.com.sg

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