



THE FENDER BCS GROUP OF COMPANIES

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Description

Supa - Flow EP is a three pack pourable Epoxy resin based grout. A combination of formulated resin and specially graded fillers combine to produce a high performance free-flowing resin grout for gap widths between 5 – 40mm.

Typical Uses

For precision grouting of machine bases, crane-rails, dowel bars, etc.

Advantages

- High Strength
- Very good flow properties
- Excellent weathering resistance
- Very good chemical resistance
- Minimum creep
- No primer required
- Pre-weighed components for ease of use

Typical Properties

Pot life @ 20C: 25 Minutes
Pot life @ 10C: 40 Minutes
Colour: Natural (light brown)
Specific Gravity: 2.08g/cm³
Compressive Strength: 80N/mm² (1 day @ 20°C)
90N/mm² (7 days @ 20°C)
Tensile Strength: 15N/mm²
Flexural strength: 36N/mm²

Application temperature range: 5°C-30°C
In-service temperature range: -20C to + 40C

Packaging

Supa - Flow EP is supplied in 26Kg packs.

Storage and Shelf Life

Store in dry conditions at temperatures between 10°C and 25°C.
Protect from frost.

Supa - Flow EP has a minimum of 12 months shelf life when stored in original, unopened containers in accordance with manufacturer's instructions.

Procedure

Surface Preparation

- a) Concrete substrates shall be sound, clean and free from dust, dirt, grease, oils, laitance and other contaminants. A roughened or profiled surface will ensure optimum adhesion.
- b) Mild steel and other metallic substrates shall be degreased, power wire brushed or grit blasted and vacuumed free from dust.
- c) Other substrates shall be sound, clean and free from dust, dirt, grease, oil and any oxidised surface layer.

Mixing

Supa - Flow EP is supplied as a 3 pack material: BASE component, CURING AGENT component and the FILLER component.
Mix the BASE and CURING AGENT components under mechanical stirring, and gradually blend the FILLER into the mixed resin components for 1-2 minutes.

Application

Pour the mixed grout from one side, ensuring a sufficient 'head of grout' is created to achieve the desired flow.

Where multiple mixes are required to fill the void ensure that no delay occurs between mixes.

Equipment Cleaning

Clean equipment immediately after use with Resbuild Toolclean.

Curing

Supa - Flow EP will be hard dry following 4 - 6 hours cure @ 20°C. At higher temperatures this period will be reduced and at lower temperatures this period will be increased.

Allow 7 days for optimum mechanical properties and full chemical resistance.

Our expertise is fitting all the pieces together

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Coverage

A 26Kg pack will yield 12.4 Litres of mixed grout.

Limitations

Do not apply to wet or uncured concrete surfaces.
Do not apply at temperatures of 5°C or less.

Health and Safety

Wear gloves and goggles
Wash off splashes immediately with soap and water
Please refer to Material Safety Data Sheet for additional information

Supa - Flow EP shall be applied strictly in accordance with the manufacturer's instructions.

For specific advice regarding any aspect of this product, please consult our Technical section.

The information provided in this Product Data Sheet is intended for general guidance only and is given in good faith based on Fender BCS Group current knowledge and experience. No warranty in respect of fitness for a purpose, or any other liability whatsoever can be inferred from the information contained within this data sheet. Users should determine the suitability of the materials for their particular application and should always refer to the most recent issue of the Product Data Sheet for the product concerned. All materials are supplied in accordance with our standard terms and conditions of sale (available upon request).