

DON GROUT-M

Products Details

INJECTION RESIN

PRODUCT PROPERTIES:- It is designed for injection in to narrow gaps, cracks and void ranging from 0.25 to 9 mm Concrete and Bricks structure.

- Two part system, low-viscosity, epoxy-based injection grouts.
- Long application time
- High compressive and flexural strength
- Good capillary absorption
- Good adhesion to concrete and steel

AREAS OF APPLICATION:-

- Rigid filling of cracks, joints and voids in building construction and civil engineering under dry conditions
- Filling of injection hoses

CONFORMING TO:-

ASTM-1181/ BS: 6319 Part-3 & BS: 5080 Part-I.

PREPARATION:-

before injection is carried out, the structures cracks and voids, respectively the leakage, have to be inspected according to technical standards and regulations, and an injection proposal is to be prepared.

MIXING:- DON GROUT-M consists of two components, component A (base) and component B (hardener). They have to be mixed according to the advised mixing ratio and must be thoroughly mixed with a slowly rotating mechanical mixer.

After mixing the material should be filled into clean container and briefly mixed again (re-potting). The re-potting is complete when the resin has been filled into the storage container of an injection pump.

The pot life depends on prepared quantity and ambient temperature.

INJECTION:- DON GROUT-M should be applied using with injection pump, Work with **DON GROUT-M** must be stopped if temperature of the structure drops below + 10 °C.

CLEANING :- Within the pot life of the resin all equipment may be cleaned with Thinner Partially or completely cured material can only be removed mechanically.

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TECHNICAL DATA for DON GROUT-M

Characteristic	Unit	Value	Comments
Density	g/cm ²	1.07	DIN 53 479 At 20 °C and 50% relative humidity
Viscosity	mPa.s	220	DIN 53 018 At 20 °C and 50% relative humidity
Mixing ratio	p. b. v. p. b. w.	3.9 : 1 5 : 1	component A : component B component A : component B
Pot life	minutes	80	At 20 °C and 50% relative humidity
Min. application temperature	°C	+ 10	temperature of structural part
Compressive strength	N/mm ²	70	DIN EN 196 T1 At 20 °C and 50% relative humidity
Flexural strength	N/mm ²	30	DIN EN 196 T1 At 20 °C and 50% relative humidity
Glass transition temperature	°C	50	ASTM D 3418-82

PRODUCT CHARACTERISTICS for DON GROUT-M

Colour	transparent
Cleaning agent	Thinner, Water or water-based cleaners must not be used under any circumstances!
Delivery	1, 5, 10, 20, 50Kg Packs.
Storage	Can be stored in original sealed packages at temperatures between + 5 °C and + 25 °C in dry conditions for at least 1 year. The same requirements are valid for transport.
Disposal	Packs must be emptied completely.

SAFETY ADVICE:-

Please take notice of the safety information and advice given on the packaging labels and safety information sheets.

TECHNICAL COLLABORATION WITH



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