

Micro-emulsion concentrate for subsequent horizontal sealing structures

With official test certificate

Characteristics

INTRASIT® MEK 180S is a hydrophobic horizontal damp course to protect against capillary rising damp.

- Solvent-free
- Hydrophobic
- Concentrate
- Good penetration characteristics
- For moisture levels up to 95%

Use

INTRASIT® MEK 180S is used for installing horizontal damp courses by pressureless injection using the drill hole method or pressurized injection using the low-pressure method (< 10 bar). For masonry with a high degree of moisture.

Areas of application:

- Masonry without voids
- Horizontal damp courses
- Pressureless injection using the drill hole method
- Low-pressure injections < 10 bar

Specifications

Packaging	PE container/ tin bucket
Container size	20 l / 5 l
Delivery form	24 / 72 containers/palle
Application temperature	+5 °C to +35 °C
Density	0.99 kg/l
Storage	frost-free, 12 months

Quantity required

Reference value for 30 cm lime-sandstone masonry using the drill hole method	approx. 0.5 l/linear metre
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The quantity required depends on the absorbency of the masonry.

Preparation of the surface

The substrates must be firm, capable of bearing load, free frost and cavities.

Application

The relevant guidelines are DIN 1053 for masonry and WTA (international association for science and technology of building maintenance and monuments preservation) information sheet 4-4-03D (application guidelines for chemical waterproofing methods).

Creating a horizontal damp course using the drill hole method

1. Drill the holes
 - Drilling hole diameter: 18 mm
 - Inclination: 25°
 - Vertical offset: 10 cm
 - distance between drill holes: 12 cm
 - The holes can be drilled in 1 or 2 rows depending on the quality of the masonry and the degree of moisture penetration.

For moisture saturation above 75 %, the horizontal damp course must be created in 2 rows.

 - Cross at least 1 horizontal joint if possible
2. Blow the drill holes.
3. Fill large cavities with **INTRASIT® BLS 54TR** and re-drill after 1 to 2 days.
4. **INTRASIT® MEK 180S** with water in a mixing ratio of 1 : 10 for masonry with high moisture penetration, or up to 1 : 14 for lower levels of moisture penetration.
5. Impregnation is done in alternating sequence while the product is still wet. Impregnation time for pressureless injection is at least 8 hours. Use a **storage container for horizontal damp course product**.
6. Alternatively, the material can be injected using the low-pressure method (up to max. 10 bar).
7. Wash all processing equipment with clean water immediately after use.

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INTRASIT® BLS 54TR

Important notes

- Prepare only as much emulsion as will be used during one working day.
- Document the quantity of material used.
- Read the WTA information sheets.
- Please also read the brochure "INTRASIT® remedial interior basement wall repair".

Ingredients

Silicon resin emulsion

Safety provisions/recommendations

Information regarding the safety during transport, storage and handling are included in the updated safety data sheet.

Disposal

The local waste removal regulations must be observed.

Manufacturer

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