

Injection cream for retrospective horizontal sealing

Characteristics

INTRASIT® IC 280S is a solvent-free silane/siloxan-based injection cream with 80 % active substance content. The material is ready to use and can be injected directly into the drill hole. The material penetrates exceptionally quickly and deeply into mineral construction materials.

- Ready to use
- Solvent-free
- Highly effective even with high levels of soaking
- Low quantity required
- No uncontrolled draining away
- Can be used for moisture levels up to 95%

Use

INTRASIT® IC 280S is used primarily as a retrospective horizontal damp course for masonry repairs. The material can be applied unpressurised via horizontal drill holes into the masonry. Due to the high active substance content, the number of drill holes required is reduced.

Applications

- Retrospective horizontal damp courses
- All standard types of masonry
- Exposed masonry
- Pressureless injection

Specifications

Packaging	PE-bucket, Aluminium tubular bag
Pack size	5 l / 0.6 l (12 x 0.6 l/box)
Delivery-form	80 cont./pallet
Density	0.9 kg/l
Processing temperature	+5 °C to +35 °C
Storage	frost-free and cool, 6 months

Consumption

Reference value for 8 drill holes per m (every 12,5 cm) and 10 cm wall depth using the drill hole method	0,01 l
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Wall thickness:

11.5 cm	approx. 0.1 l
24 cm	approx. 0.23 l
36 cm	approx. 0.35 l
48 cm	approx. 0.46 l

Yield per 0.6 l tubular bag in m:

11.5 cm	approx. 6 m
24 cm	approx. 2.6 m
36 cm	approx. 1.7 m
48 cm	approx. 1.3 m

Preparation of the surface

The substrates must be firm, resilient, free of frost, dust, dirt and mortar residues.

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 4-4-04D (application guidelines for chemical waterproofing methods).

Creating a horizontal damp course using the drill hole method:

1. Drill holes at intervals of approx. 12.5 cm (drill hole diameter 12 mm hole depth equivalent to wall thickness minus 2 cm). The holes can generally be drilled horizontally in the bed joint.
2. Blow the drill holes.
3. **INTRASIT® IC 28OS** is then filled using the **hahne® IL 9ZH** injection lance into the drill holes free of any hollow spaces.
4. Clean all processing equipment with water after use.
5. Close drill holes immediately after injecting **INTRASIT® RZ1 55HSP** (observe the TM).
6. Create subsequent surface sealings at least 30 cm below and above the drill hole line.

hahne system products

INTRASIT® BLS 54TR
INTRASIT® RZ1 55HSP
INTRASIT® HSS 9ZH

Important notes

- Observe the WTA codes of practice
- storage frost free
- The building material above the injection barrier can only begin to dry, if there are no dense wall coverings and the treated rooms provide sufficient drying conditions.
- Take into account accompanying measures such as subsequent sealing at the outside and inside as well as repair plaster systems.
- The surface in the effective area might show short-term discolouring.

Ingredients

Silane, Siloxan

Safety provisions/recommendations

The standard hygienic and precautionary measures in dealing with chemical substances must be followed. Wear suitable work protection clothing.

Disposal

The local waste removal regulations must be observed.

Manufacturer

Sievert Baustoffe GmbH & Co. KG
Mühlenschweg 6, 49090 Osnabrück
Tel +49 2363 5663-0, Fax +49 2363 5663-90
hahne-bautenschutz.de, info-hahne@sievert.de

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