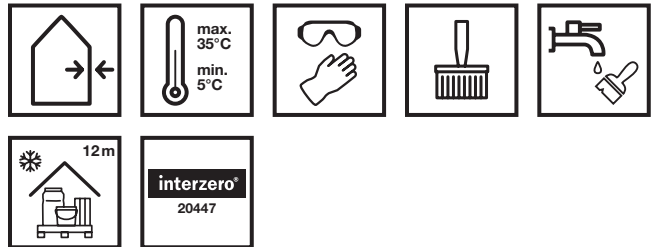


INTRASIT® VK 10A

Silicification against rising moisture in masonry and concrete



These pictograms apply to the **basic product**.
Deviations are possible depending on the area of application and processing.

PRODUCT INFORMATION

Description

INTRASIT® VK 10A is a combination product for deep mineralization of the substrate to be waterproofed. Reduces the absorbency of the substrate by hydrophobizing the surface zone.

Application

- for external waterproofing in conjunction with cement mortar or waterproofing slurries
- for internal waterproofing of basement masonry in conjunction with non-pressurized borehole barriers or using the borehole low-pressure method

Operational area

- Masonry and concrete
- non-pressurized injections using the borehole method
- Surface sealing

Properties

- hydrophobic
- capillary solidifying
- good penetration
- surface solidifying
- system-compatible

Technical Data

Available container sizes	23 kg/PE canister 12 kg/PE canister
Density	approx. 1.2 kg/l
Processing temperature	+5°C up to +35°C
Storage	frost-free, 18 months
Consumption	approx. 0.5 – 1 kg/m ² as surface sealing approx. 5 kg/lfm using the drill hole method with 30 cm KS



SUBSTRATE

Properties/tests

- The substrate must be firm, load-bearing, free of frost, dust, dirt and mortar residue.
- The substrate may be slightly damp.

AREAS OF APPLICATION AND PROCESSING

Applying

Laying a horizontal barrier using the drill hole method:

Drill holes: Borehole diameter 18 mm; inclination 25°; height offset 10 cm; borehole spacing 12 cm

The boreholes can be drilled in one or two rows, depending on the condition of the masonry and the degree of moisture penetration. For saturation moisture levels above 75 %, the horizontal barrier must be installed in two rows. If possible, cross a bed joint.

- Fill drill holes in masonry with loose mortar filling, open joints, cavities and cracks with INTRASIT BLS 54TR. Re-drill after a short time. Continuously refill drill holes with INTRASIT VK 10A until saturated.
- Alternatively, INTRASIT VK 10A can be injected at low pressure (up to a maximum of 10 bar) using packers and suitable machine technology. Then fill the drill holes with INTRASIT BLS 54TR.
- **Exterior waterproofing of masonry or concrete:**
Repeated application of INTRASIT VK 10A and seal fresh in fresh. Apply with a surface brush or tassel.

NOTES

Cleaning

- Clean tools immediately after use with water.

System products

- INTRASIT® BLS 54TR
- INTRASIT® DS1 54Z

To be observed

- Not suitable for exposed brickwork and facades.
- Up to a maximum of 60 % wall moisture.
- Observe WTA data sheets, in particular WTA data sheet 4-10 "Injection procedure with certified injection materials against capillary moisture transport".
- Please refer to the brochure "INTRASIT retrofit interior basement wall renovation".

Ingredients

- contains alkali silicates, alkali siliconates
- Wetting agent

Occupational safety / Recommendation

- Further information on safety during transportation, storage and handling can be found in the current safety data sheets.

Disposal

- The following applies to all systems: Only return empty containers to recycling partner Interseroh. Material residues can be disposed of according to EWC code no. 06 02 99 (waste from MFSU of bases, wastes not otherwise specified).

Producer

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The statements are made based on extensive tests and practical experiences. They cannot be applied to every application case. Therefore, we recommend carrying out application trials if necessary. Subject to technical changes in the course of further development. Furthermore, our General Terms and Conditions of Business apply.