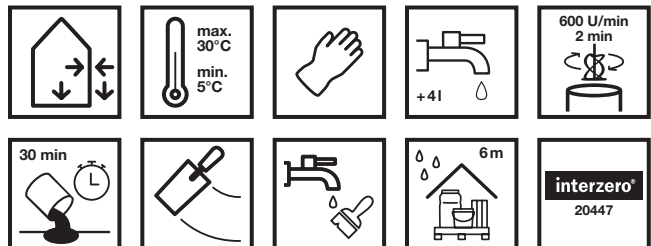


INTRASIT® SM 54Z

Sealing mortar for waterproofing work and grooves



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

PRODUCT INFORMATION

Description

INTRASIT® SM 54Z is a factory-mixed, hydraulically setting sealing mortar. Achieves high adhesive tensile values and strength through a favorable combination of grain size, high-quality cement and plastic powder.

Application

- for the production of barrier plasters and coverings
- on masonry and concrete
- as masonry and joint mortar

Operational area

- Civil engineering
- Concrete and screed surfaces
- Basement waterproofing
- Base plaster
- for creating watertight and adhesive coverings
- Rear moisture protection and intermediate sealing against moisture acting from the rear in accordance with DIN 18533 in the area of the external basement waterproofing made of PMBC and FPD
- Filling and tamping mortar

Properties

- easy to process
- universal use
- frost-resistant
- water-repellent
- good adhesion
- high adhesive tensile strength and strength after just 24 hours

Technical Data

Available container sizes	25 kg/sack
Plaster mortar group	P III in accordance with DIN 18550
Compressive strength (after 24 hours)	≥ 5 N/mm ²
Compressive strength after 28 days	≥ 20 N/mm ²
Processing temperature	+5°C to +30°C
Processing time	approx. 30 minutes
Revisability	after approx. 2 hours
Resilience	after approx. 7 days
Storage	dry, 6 months
Consumption	approx. 2 kg/lfm coving approx. 18 kg/m ² per cm of plaster thickness

SUBSTRATE

Properties/tests

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

Preparation

- Prime the substrate with INTRASIT Aquarol 10A. Alternatively, pre-wet to such an extent that the substrate is matt-moist at the time of application.

AREAS OF APPLICATION AND PROCESSING

Applying

- Slowly sprinkle INTRASIT SM 54Z into clear water in a clean mixing vessel while stirring vigorously until a paste-like and lump-free compound is formed.
- Recommended mixing ratios:

Sprayed mortar:

25 kg INTRASIT SM 54Z + 3.5 l water + 1 kg HADALAN HE 10D

Blocking mortar:

25 kg INTRASIT SM 54Z + 4.0 l water

Civil engineering mortar:

25 kg INTRASIT SM 54Z + 3.0 l water + 1 l IMBERAL BES 10B

Repair mortar:

25 kg INTRASIT SM 54Z + 3.0 l water + 1 kg HADALAN HE 10D

- Apply the mortar within 30 minutes using the usual tools.

NOTES

Cleaning

- Clean tools immediately after use with water.

System products

- IMBERAL® BES 10B
- HADALAN® HE 10D
- INTRASIT® Aquarol 10A
- PROLASTIC® 55Z



■ **To be observed**

- Maintain a processing temperature of +5 °C to +30 °C.
- Observe a processing time of 30 minutes.

■ **Ingredients**

- Standard cements
- Mineral aggregates
- Sealant

■ **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. Cured material residues can be disposed of according to EAK code no. 17 01 01 (concrete).

■ **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.