

## Repellent mortar for waterproofing, polymer-modified waterproof plaster and coving mortar

### Characteristics

**INTRASIT® SM 54Z** is a factory-mixed, hydraulically setting waterproof mortar.

It provides high adhesive tensile strength and mechanical strength due to its favourable combination of grain size, high-grade cement and polymer powder.

- Easy to apply
- Universal in use
- Frost-resistant
- Water-repellent
- Good adhesion

### Use

**INTRASIT® SM 54Z** is used to create waterproof plasters and coves. On masonry and concrete As a masonry and joint mortar.

### Areas of application:

- Below ground
- Concrete and screed surfaces
- Cellar sealing
- Plinth plaster

### Specifications

Packaging	paper bag
Container size	25 kg
Delivery form	42 sacks/pallet
Mortar group	P III
Application temperature	+5 °C to +30 °C
Processing time	30 minutes
Can be further processed	after approx. 2 hours
Capable of taking up loads	after 7 days
Compressive strength after 24 hours	> 5 N/mm <sup>2</sup>
after 28 days	approx. 24 N/mm <sup>2</sup>
Storage	dry, 6 months

### Quantity required

Per 1 cm plaster thickness	approx. 18 kg/m <sup>2</sup>
Coves	approx. 2 kg/linear metre



### Preparation of the surface

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

### Application

Guidelines are DIN 1053 for masonry and DIN V 18550 for plaster.

Prime the surface with **INTRASIT® Aquarol 10A**. Alternatively, wet the surface in such a way that when you apply the primer, the surface has a matt-damp appearance.

1. Slowly add **INTRASIT® SM 54Z** to clear water in a clean mixing container while stirring it well until it becomes a smooth paste.

Recommended mixing ratios:

#### Pneumatic mortar:

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

#### Waterproof mortar:

25 kg **INTRASIT® SM 54Z** + 4.0 l water

#### Waterproof mortar for use below ground:

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**

2. Apply mortar within 30 minutes using the standard tools.
3. Clean all processing equipment with water immediately after use.

### hahne system products

IMBERAL® BES 10B  
HADALAN® HE 10D  
INTRASIT® Aquarol 10A

### Important notes

- Observe the working temperature of +5 °C to +30 °C.
- Keep to a working time of 30 minutes.
- High adhesive tensile strength and mechanical strength already after 24 hours.

### Ingredients

Standard cements, mineral aggregates, additives, synthetic dispersion powder, sealant

### Safety provisions/recommendations

Contains cement and will cause alkaline reactions when it comes into contact with moisture or water. 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

Heinrich Hahne GmbH & Co KG  
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This information is based on extensive tests and practical experience. However, it cannot be applied to every type of application. If in doubt, we recommend that you test the product before using it. Due to continuous product improvement, this information is subject to change without notice. Our General Terms and Conditions apply. Version as of 6.2014