

Waterproof mortar for waterproofing work and coves

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
- High adhesion values and strengths already after 24 hours

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 ²
after 28 days	approx. 24 N/mm ²
Storage	dry, 6 months

Quantity required

Per 1 cm plaster thickness	approx. 18 kg/m ²
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.

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

Important notes

- Observe the working temperature of +5 °C to +30 °C.
- Keep to a working time of 30 minutes.

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

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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.
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