

## Early-strength special mortar for coves, up to -5 °C in winter

### Characteristics

**INTRASIT® FSM Winter 56Z** is a hydraulically setting waterproof polymer-cement mortar. The combination of adhesion-promoting polymers, special cements, and high-modulus fibers in conjunction with an precisely adjusted particle-size grading curve guarantees uniformly good working properties.

- Resistant to frost and de-icing salt
- Universal in use
- Quick-hardening
- Reinforced with fibers and polymers
- Watertight
- Low-shrinkage

### Use

**INTRASIT® FSM Winter 56Z** is a universally applicable, rapid-setting cement mortar. The product is ideally suited to the creation of coves, for repairing faults in concrete, plaster and masonry and for making urgent repairs to mineral substrates. In combination with the „all-weather“ sealants **IMBERAL® 2K Winter 26B** and **IMBERAL® SKB 89B**, **INTRASIT® FSM Winter 56Z**, is suitable for substrate preparation even at temperatures below 0 °C.

### Areas of application:

- Indoors and outdoors
- Above and below ground
- Coves and scratch coats
- On concrete, plaster, masonry, and screed

### Specifications

Packaging	Paper bag
Container size	25 kg
Delivery form	36 sacks/pallet
Mortar group	P III
Powder density	1.38 kg/l
Fresh mortar density	1.75 kg/l
Application temperature	-5 °C to +20 °C
Water required per 25 kg sack	approx. 3 l
Processing time	
- at +20 °C	approx. 15 minutes
- at +5 °C	approx. 40 minutes
- at -5 °C	approx. 70 minutes
Overcoating	
- at +20 °C	after approx. 6 hours
- at +5 °C	after approx. 24 hours
- at -5 °C	after approx. 72 hours
Compressive strength after 24 hours	
- at +20 °C	approx. 7.6 N/m <sup>2</sup>
- at +5 °C	approx. 6.8 N/m <sup>2</sup>
- at -5 °C	approx. 2,8 N/mm <sup>2</sup>
Storage	dry, 6 months

### Quantity required

Per 1 cm plaster thickness	approx. 17 kg/m <sup>2</sup>
Coves	approx. 2 kg/lin. meter

## Preparation of the surface

Substrates must be firm, sound, free of ice and frost crystals, dust, dirt, sintered layers and other residues that would impair adhesion or cause separation.

## Application

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

1. Slowly add **INTRASIT® FSM Winter 56Z** to clear water in a clean mixing container while stirring it well until it becomes a smooth mortar free of lumps (for 25 kg powder, use approx. 3 l water). Briefly stir again after 3 minutes.
2. Apply the mortar within the workable time, using the usual application tools.  
Mortar that is beginning to set must not be stirred again nor diluted with water.
3. Clean all processing equipment with water immediately after use.

## hahne system products

hahne® sealing products

### Important notes

- observe a working temperature of -5 °C to +20 °C.

## Ingredients

Special cements, polymer powder, mineral aggregates, synthetic fibers, freezing point depressant, promoting agents, additives.

## Safety provisions/recommendations

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

For detailed information regarding safety during transport, storage and handling, refer to the updated safety data sheet.

## 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

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 12.2020