

PRODUCT DATA SHEET

Sika® Injektering-30

Sulphate resistant and low alkaline micro cement for injection

DESCRIPTION

Sika® Injektering-30 is a sulphate resistant, chromate reduced and low alkaline portland cement. It is micro cement with maximum particle size, d_{95} , 30 μm .

USES

Cement based injection

CHARACTERISTICS / ADVANTAGES

With Sika® Injektering-30, injection grout with very good flow properties can be produced, even at low water / cement ratio. Very good results have been obtained in tests where stability, flow properties and filtration stability were studied, at +20 °C and +8 °C, respectively. Grout should have a temperature of at least +5 °C prior to injection to obtain good properties regarding rheology, penetration and strength development.

APPROVALS / CERTIFICATES

Sika® Injektering-30 complies with the requirements in SS-EN 197-1 part 1: *Composition, Specifications and Conformity Criteria for Common Cements*.

Designation in accordance with SS-EN 197-1 and SS 13 42 03 CEM I 52,5 - SR 3 LA.

PRODUCT INFORMATION

Packaging	Bag 20 kg (pallet with 48 bags), big bag 1000 kg and bulk.	
Shelf life	Due to that the reduction of chromate successively loses its effect the shelf life is set to: Maximum 18 months from package date in unopened, sealed original bag (20 kg) Maximum 12 months from delivery date in unopened, sealed original big-bag (1000 kg) or bulk.	
Storage conditions	Sika® Injektering-30 is a finely ground product. Its high reactivity makes it more sensitive than normal cement. Storage in environments with damp air or direct contact with ground moisture damages the cement very quickly. It has a high negative impact on the grout properties and should therefore be avoided.	
Density	Compact density approx.	3100-3200 kg/m ³
	Bulk density	800-1500 kg/m ³

PRODUCT DATA SHEET

Sika® Injektering-30

September 2020, Version 02.02

02070705260000009

FURTHER INFORMATION

Alkaline content, ekv Na ₂ O (typically 0,5 %)	< 0,6 % by weight
Sulfat resistance, C ₃ A (typically 2,0 %)	≤ 3,0 % by weight
Particle size, d ₉₅	30 μm
Specific surface (BET)	Approx 1355 m ² /kg
MgO	Max 5,0 % by weight
SO ₃	Max 3,5 % by weight
Chlorides, Cl	Max 0,1 % by weight

Injektering-30 is manufactured at Cementa's Degerhamn plant using a special fine grinding process. Injektering-30 is based on the same clinker as Anläggning-scement.

products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

Sika® Injektering-30 complies with the requirements in SS-EN 197-1 part 1: Composition, Specifications and Conformity Criteria for Common Cements. Designation in accordance with SS-EN 197-1 and SS 13 42 03 CEM I 52,5 - SR 3 LA.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its