

IPANEX STOPFMÖRTEL

FAST-REACTING, SWELLABLE TAMPING CEMENT AND RAPID CEMENT FOR SEALING WATER INGRESSES

Product Description:

IPANEX Stopfmörtel is a swellable, water-impermeable, quick-setting mortar on mineral basis, factory-mixed according to DIN 18557. IPANEX Stopfmörtel has a set open time and is mixed with water only. IPANEX Stopfmörtel is a WW masonry, jointing, laying and repair mortar according to DIN 19573 and classified as WW coating mortar DIN 19573 - B2 - XWW3.

Test certificate:

Hygiene Institute of the Ruhr Area, Gelsenkirchen; testing in accordance with DVGW Code of Practice W347 "Hygienic requirements for cementitious materials in drinking water applications.

Fields of application:

Immediate sealing of surface moisture penetrations, water ingress and seepage points in cellars, shafts, galleries, etc.

Mode of action/properties:

IPANEX Stopfmörtel is a chloride-free rapid cement with immediate onset of setting after addition of water.

Processing instructions:

The substrate must be sound and free from materials that may interfere with the bond. There must be no movement in the crack or joint area to be sealed. To avoid adhesion problems in case of water ingress, it is advisable to caulk flow points (at least 2 cm deep). Intensively pre-wet dry substrates with water.

TECHNICAL DATA

Material base	Cement
Bulk weight	approx. 1.6 kg/dm ³
Consumption	approx. 2 kg per liter cavity
Processing time	1 - 2 min. (depending on temperature)
Sulfate resistance	≤ 0.8 mm/m, no visible crack formation
Chemical resistance	Until ph 2,5-3
Classification according to DIN 19573 Ex- position classes	XWW3
Flexural strength	29 days / 8.5 N/ mm ²
COMPRESSIVE STRENGTH	
1 hour	7.8 N/mm ²
3 hours	10.5 N/mm ²
6 hours	12.6 N/mm ²
1 day	25.0 N/mm ²
28 days	90 N/mm ²
Delivery form	20 kg plastic bucket, hermetically sealed
Durability	6 months with proper storage (dry and airtight)

FAST-REACTING, SWELLABLE TAMPING CEMENT AND FAST-ACTING CEMENT FOR SEALING WATER PENETRATIONS

Processing:

Mix IPANEX Stopfmörtel homogeneously with clean water to a stiff, plastic mortar. The fast setting time requires mixing only smaller quantities. In case of water ingress, the already stiffened mortar is pressed into the recess by hand and pressed on for approx. 1 - 2 minutes (until final setting). If hand-warm water is used, the setting time can be accelerated even further, which is particularly advisable at lower temperatures. The substrate and material temperature should not be below +5°C.

Special Notes :

IPANEX Stopfmörtel is a rigid sealing product; cracks, settlements, deformations or movements occurring subsequently due to the construction work can lead to leaks. To avoid moisture leakage in the vicinity of the grafting point, it is advisable to seal these areas with sealing slurry.

Aftercare:

For ambient temperatures below +30°C, a special post-treatment is not required, unless the temperature of the building material is higher.

Cleaning and disposal:

The tools are cleaned with clean water. Delivery containers, material residues, also. Mixing vessels must be disposed of in accordance with official regulations. Disposal code in hardened condition: LAGA No. 314 09 EWC No. 17 01 01

Safety advice:

Please wear protective clothing, safety goggles and protective gloves when working. Avoid strong dust formation! Do not smoke, drink or eat during processing! In case of skin contact and splashes in the eyes, rinse immediately with clean water for at least 15 minutes. It is recommended to have an eye wash bottle with a sterile solution ready to rinse eyes thoroughly. Then consult an ophthalmologist immediately. Please observe the safety data sheets and the regulations of the professional associations on the handling of cementitious materials.

Status: 01/19

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