



IPANEX VDMS Injektionsleim

Hydraulically curing Injection Cement

Product Specifications:

IPANEX VDMS is a purely mineral-based, chloride-free injection cement.

IPANEX VDMS will cure shrink compensated and, thanks to its excellent flow characteristics, is eminently suitable for masonry injection.

Areas of Applications:

IPANEX VDMS is used for filling and injecting cracks in masonry, for filling cavity walls and, in general, for stabilizing foundation areas by injecting them.

Further uses:

Relining protective and/or pressurized piping (filling the annular space between them), lifting and backfilling concrete driveway slabs, underpinning buildings, sealing steel sheet pile walling, tunnels and other structures; consolidating ashlar masonry; any injection work requiring high-level early strength.

Mode of action/properties:

The consistency of IPANEX VDMS can be adjusted as required. Normally, this ready-made mortar is made up using nothing but water.

IPANEX VDMS injection glue

- can be pumped very well
- has good flows characteristics
- does not segregate even when pumped over long distances
- adheres well to mineral substrates
- has a long processing time
- does not attack the structural steel
- is impervious to water
- the viscosity is rising heavily in the idle state what is very suitable when backfilling the cavities with a pipe in pipe rehabilitation (no floating)
- IPANEX VDMS can be processed using an IPA injector or any other commercially available injection equipment. Moreover, IPANEX VDMS can be pipelined, in suspended form, over distances since even
- high pressure differentials will not cause any segregation of the mixture.
- Please note: Protect glass surfaces and anodized parts! Use only water to clean working equipment and mixers!

Technical Data:

Material:	hydraulic binder comprising mineral additives, chloride-free
Appearance:	light grey
Density (at 20 ° C):	1,75- 1.85 kg/ltr, depending upon the quantity of water added
Mixing Ratio:	5-9,5lts of water per 25 kgs of ready-made mortar
Processing:	Temperature not below 10° C (material temperature)
Compressive strength after 28 days	ca. 66,6 N/ mm ²
Flexible strength after 28 days	ca. 6,2 N/ mm ²
Processing time	ca. 3 hours (depending on temperature)
Storage:	dry
Shelf Life:	6 months
Supplied In:	bags containing 25 kgs

Processing Notes:

In accordance with the mixing advice, use suitable equipment to mix, intensively and without leaving any lumps, the required quantity of IPA grout. With cracks having a width of approx. 10 mm, prepare a grouting mixture having the consistency of a suspension. With wider cracks and cavities, reduce the quantity of water added as required. Inject IPANEX VDMS using an IPA injection press, pour it or use other, suitable equipment.

IPANEX VDMS will not disintegrate, nor attack reinforcement bars, is non-polluting, non-flammable, resistant against freezing/thawing cycles, wear-resistant and permeable to damp.

Safety Recommendations:

Because of its alkalinity, IPANEX VDMS injection grout is corrosive! Observe all protective measures prescribed by any competent social insurance association against occupational hazards in the chemical industry. Use gloves and protective goggles. Avoid any contact between the product and your skin. For improved protection, apply cream to your hands. Use a good deal of water to wash away any splashes of material reaching your skin or eye; afterwards, immediately consult a physician.

Version 11/18

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