

Aida[®] INJECTION PASTE



Article No. 0476

Ultra-fine and sulphate resistant
Cement suspension for injecting cracks and hollow spaces.
Cement suspension for filling.

Property profile:

Aida Injection Paste has very good flow properties, does not separate, achieves great penetration depth even in the finest cracks, adhesional coupled bonding to the surrounding concrete or stone. Aida Injection Paste does not contain any substances that promote corrosion on reinforcement steel. It hardens hydraulically and shows early strength in connection with good adhesion capacity. Hardened Aida Injection Paste is water impermeable as well as water, weather and frost resistant.

Characteristic data of the product:

Component A (injection liquid)
Gross density: ~ 1.1 kg/dm³
Component B (powder)
Bulk density according to DIN 1060: ~ 1.0 kg/dm³
Colour: grey
Quality control: Composition and quality

Characteristic data of the cement suspension:

Gross density of the suspension: ~ 1.7 kg/dm³
Air content: ~ 1% by volume

Characteristic data after hardening:

Compressive strengths: after 7 days > 5
N/mm²
after 28 days > 20
N/mm²

Range of use:

To be used in dry, damp, wet, underwater and underground areas

- For injecting cracks and hollow spaces in concrete, mortar, masonry work, natural stone masonry work.
- For strengthening and repairs of building underpinning in the subsoil and for injection in rock and concrete for the restoration of dam masonry as well as for building repairs.
- For filling crushed brick concrete.

Working Directions:

Both components are packaged ready to use. Component B is found in a canister inside the bucket. The injection liquid (A) is added to the binder (B) and mixed with a colloidal mixer (a drill with mixing paddle will suffice if necessary) at high speed until a flowing capable mortar is produced. The injection paste is then immediately injected or filled. Spiral pumps with automatic pressure control or diaphragm pumps are suitable injection equipment. Borehole or adhesive packers are used as filling nozzles. Please observe: Working temperature should be at least 5°C, do not use on frozen substrates. Lower temperatures lengthen, higher temperatures reduce setting time. Do not mix Aida Injection Paste with other materials.

Notice:

Observe the usual trade rules in keeping with the latest technological developments.

Tools and cleaning:

Drill, mixing paddle, special mixing equipment (e.g. the beba Cement Paste Mixer made by beba, 49632 Essen i.O.), buckets, injection equipment, packers (e.g. from Desoi-Packer und Geräte, 36148 Kalbach or Polyplan-Packer und Pumpen, 22439 Hamburg). Clean tools with water while the material is fresh.

Packaging, application rate and storing:

Packaging: 10 kg plastic canister contains 3.5 kg injection liquid (A) and 6.5 kg injection binder (B)

Application rate: Approx. 1.8 kg/litre cavity volume.

Shelf-life: At least 12 months in closed, unmixed, original containers stored cool but frost-free

Safety, ecology, disposal:

Further information concerning safety during transport, storage and handling as well as for disposal is found in the latest Safety Data Sheet.

The statements above are compiled from our field of production and according to the latest technological developments and application techniques. Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet.

Any statements made beyond the contents of this information must be confirmed in writing by the producer.

In all cases, our general conditions of sale are valid.

With the publication of this Technical Information Sheet all previous editions are no longer valid.

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