

Soudafix VE280-SF

Revision: 13/03/2014

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Technical data

Basis	Vinylester styrene free
Consistency	Stable paste
Curing system	Chemical curing
Density	1,66 g/ml
Dynamic elasticity modulus	4,087 N/mm ²
Temperature resistance	Till +80°C (temporarily till +120°C)
Maximum bending stress	17 N/mm ²
Maximum compressive stress	80 N/mm ²
Application temperature	-10 °C → 40 °C

(*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

Product description

Soudafix VE280-SF is a two-component anchoring resin for the pressure-free securing of anchoring rods, studs, reinforcing bars, threaded collars, profiles etc. in various solid and hollow materials, such as concrete, cracked concrete, solid brick, hollow brick, porous concrete, natural stone, plasterboard walls, etc.

Properties

- Good and easy application with standard caulking gun
- Easy to apply
- Fast cure
- Wide application area, even in wet drill holes, under water and at temperatures as low as -10°C.
- Cartridge re-usable by simply exchanging static mixer.
- Watertight and impermeable fixing
- High chemical resistance
- fire resistance form F120 (M8-M30)
- European Technical Approval Option 7 for application in non-cracked concrete.

Applications

- Securing of heavy loads in solid building materials and medium loads in hollow building materials.
- Pressure free anchoring even close to edges.

- Can be used as repair mortar.

Packaging

Colour: dark grey (after mixing)

Packaging: 280 ml cartridge for standard sealing gun

Shelf life

At least 18 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

Substrates

Substrates: all usual porous building substrates, No good adhesion on smooth, non-porous surfaces.

Nature: clean, free of dust and grease.

Surface preparation: No pretreatment required
In hollow materials the use of a sleeve is necessary.

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions beyond our control, no liability under this publication are accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

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Application method

Drill a hole at recommended depth. Clean drill hole with brush and air pump thoroughly.

Screw static mixer onto cartridge. Dispense the first 10 cm of the product to waste (on piece of cardboard) until an even colour (dark grey) is achieved, and the product is well mixed. Solid stone: fill the drill hole from bottom up. Hollow brick: insert sleeve and fill it bottom up, so that the resin is pressed through the tiny holes of the sleeve. Insert anchoring rod with twisting left-right motion. Inspect the drill hole for adequate filling. Observe curing time. Don't move the anchoring rod during curing. Remove the excess material mechanically with hammer and chisel once cured. Install component, applying the right torque.

Application method: Apply with standard sealing gun, preferably heavy duty. Do not use pneumatic sealant gun.

Cleaning: With White spirit immediately after use (not cured). After curing, the material can easily be removed mechanically with a hammer and chisel.

Repair: With the same material

Health- and Safety Recommendations

Take the usual labour hygiene into account. Use only in well ventilated areas. Consult label for more information.

Remarks

- There is a risk for staining on porous surfaces such as natural stone.
- On these substrates a preliminary test is recommended.

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