

TEGOSIVIN® CA 880

Product description

TEGOSIVIN® CA 880 is a solvent-free emulsion based on organo-silanes.

Physical properties

Appearance	milky, white
Active content	59 – 61 %
Density (25 °C)	0.91 – 0,93 g/cm ³
Diluent	water
Viscosity (Iso Cup 4 mm, 23 °C)	30 – 70 s

This data is not a subject of specification

Application

TEGOSIVIN® CA 880 is a liquid water repellent for cement based building materials. It can be added to the building material matrix as an admixture as well as for post applications on the final building material.

- Integral water repellent for mortar and concrete
- Water repellent for construction materials based on cement as well as for lightweight fillers
- Post treatment of concrete structures like motorways and bridges
- Deep penetrating primers

Properties/Benefits

In addition to durable protection from water-induced damages TEGOSIVIN® CA 880 and products formulated from it provide:

- Effective protection against water
- Reduced primary and secondary efflorescence of building materials
- Protection against de-icing salts
- Improved beading effect
- Reduced corrosion of steel reinforced concrete
- High impregnation properties in concrete
- A non-tacky finish with a stain release effect
- Alkali resistance
- A reduction in heat conductivity and thus improved thermal insulation
- In most instances no change in surface appearance and virtually no reduction of vapour permeability
- No significant impact on surface appearance
- Solvent-free and low VOC

Dosage and Handling

For the use as a water repellent in admixture applications dosage may vary from 0.1 – 1.0 % TEGOSIVIN® CA 880, undiluted, referred to cement. TEGOSIVIN® CA 880 can be added to the mixing water or at the end of the mixing process.

For post applications it is recommended to evaluate the required dosage by means of representative test areas prior to final impregnation. In general we do recommend dilutions of 1 : 1 up to 1 : 9 with demineralised water for these applications.

Ready-to-use dilutions are prepared by adding (preferably de-mineralised) water to TEGOSIVIN® CA 880 while stirring at low shear. Dilutions have to be protected by adding a suitable preservative (e. g. Actacid MBS from Thor Specialties Ltd.).

We also recommend stirring TEGOSIVIN® CA 880 and formulations made from it prior to use

Registration status

The ingredients of TEGOSIVIN® CA 880 are listed in the following chemical inventories:

EINECS/ELINCS, TSCA, DSL, NDSL, ENCS, AICS, TCCL, PICCS, IECSC, New Zealand, ECS

Further information is available on request.

Storage stability

TEGOSIVIN® CA 880 may be stored in closed containers for at least 6 months. The product has to be stored under frost-free conditions; storage temperature should not exceed 35 °C. The same applies to dilutions prepared from TEGOSIVIN® CA 880 using de-mineralised water. Improper dilution conditions or preservation may shorten the stability of diluted material.

Packaging

Pallet à 300 kg (6 x 50 kg plastic drums)

Container à 900 kg

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fire
- toxicity and ecological effects

is given in our material safety data sheets.

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Trademark notice and legal notice

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