

CRES® PROTECT REP 200

Solvent based masonry water repellent



CRES® PROTECT REP 200 is a ready to use surface water sealer based on a mixture of silane/siloxane polymer. Dilute solution of **CRES® PROTECT REP 200** in organic solvents serve as high quality general purpose water repellents for impregnating and priming mineral and highly alkaline substrates. It reacts with atmospheric moisture or pore water in the substrate, thereby generating the active ingredient while liberating alcohol. The active ingredient greatly lowers the water absorbency of the substrate, which nevertheless retains a very high degree of water vapour permeability since neither pores nor capillaries are clogged.

ADVANTAGES

- Good depth of penetration
- Tack free drying
- High resistance to alkalis
- Rapid development of water repellency
- Reduces efflorescence
- Protects surface from discoloration and weathering
- Breathable, allows interior moisture to escape without damaging the sealer.

USES

It is suitable for imparting water repellency to absorbent, porous, mineral construction materials like brickwork, all kinds of concrete, aerated concrete, sand-lime brickwork, cement fibre boards, mineral plasters, mineral based natural and artificial stone & mineral paints.

SURFACE PREPARATION

Ensure that all dust, dirt and foreign matter are brushed and scraped away. Also ensure the surfaces are free from salts, oils, grease and ridges and protect all adjacent surfaces not to be covered. Concrete, cement and roughcast must be at least 28 days old before applying **CRES PROTECT REP 200**.

APPLICATION

CRES® PROTECT REP 200 is a single component, applied at full strength and never diluted. Can be used directly from the container, no mixing is required but stir first before use. Apply by brush, roller or low-pressure spray. On vertical surfaces, it should be flooded starting at the bottom working steadily upward. When used as a protective impregnation & for porous substrate, a minimum of two coat application is recommended. Thus, apply the second coat is wet on wet.



TECHNICAL PROPERTIES

Description	Value	Standard
Chemical base	Silane/Siloxane blend in organic solvent	-
Colour	Clear	
Specific Gravity @25°C	0.8 (±0.05)	
Application Temperature	5°C to 35°C	
Over coating	Wet on wet for the porous substrate	

All values given are subject to 5-10% tolerance.

TECHNICAL DATA SHEET

COVERAGE

Consumption depends on the absorption of the substrates and type of substrate which is ranges from 1.5-4.0 m²/l/coat.

LIMITATION

- It is not intended to seal visible cracks from moisture ingress.
- Not recommended for below grade application.
- Not recommended for exterior applications if rain is excepted within 12 hours.
- Not intended for waterproofing under hydrostatic pressure, in permanent contact with water or for below ground waterproofing.
- Minimum age of concrete or mortar: at least 4 weeks.
- It is not suitable for rendering gypsum water repellent.

CLEANING

Clean tools, equipment, and over spray with white spirit immediately after use.

PACKING

200 liter drum and 20 liter jerry can.

STORAGE

The drums & cans must be stored in a covered area, away from direct sunlight and protected from extreme temperature.

SHELF LIFE

Keep away from direct sunlight and store under normal warehouse conditions. Container must be tightly closed. Shelf life of this product is 12 months from the date of manufacturing.

HEALTH & SAFETY

CRES[®] PROTECT REP 200 contains flammable solvents. All the precautions must be foreseen for use of such kind of products. As with all construction chemical products caution should always be exercised. Protective clothing such as goggles should be worn. Treat any splashes to the skins or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

Product Disclaimer:

Kanz chemical Ind. LLC products are guaranteed against defective materials and are sold subject to standard terms and condition of sale, copies of which are available on request which are reasonable. All recommendations regarding the use of product are made without guarantee since the conditions of use are beyond the company's direct control. It is the customer's responsibility to ensure each product is fit for the purpose for which they intend to use it. Furthermore the specifications and description herein cannot be used to void a contract.

*Refer material safety data sheet (MSDS) for further information.