



## DIMAPCHEM AC CLEAR

AQUEOUS BASED PROTECTIVE, DECORATIVE, ANTI-CARBONATION

### BENEFITS

- Dramatic reduction in chloride and water absorption
- Comprehensive protection against frost / road salt attack
- Optimum resistance to alkalis
- Good depth of penetration
- Provides good adhesion for paints
- Can be applied without loss of material
- Allows to breathe the surface.
- Reduces sulphate attacks.
- Long-life, Lasts for more than 10 years
- Solvent less,
- aqueous and environmentally compatible
- Low volatility

### PRODUCT:

**DIMAPCHEM AC CLEAR** is an aqueous, creamy, silane-based protective, decorative, anti-carbonation coating. It is a high quality specialty product for impregnating reinforced concrete..

### USES:

**DIMAPCHEM AC CLEAR** is recommended particularly for impregnating and priming concrete and reinforced concrete used in building bridges, roads and buildings. Brushes, lambskin rollers or spatulas may be used for smaller areas.

### DESCRIPTION:

**DIMAPCHEM AC CLEAR** is a unique impregnating agent due to thixotropic having an outstanding ability to impregnate high- quality concrete and reinforced concrete. **DIMPCEM AC CLEAR** can be applied in just one coat of the desired thickness (at the most, two coats). The silane active ingredient penetrates the substrate within 30 minutes to several hours where the exact time depends on the porosity and quality of the

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concrete. On reaction with the substrate, it releases ethanol and is converted into a polymeric silicone resin. A creamy layer forms initially, but then disappears completely. As the active ingredient is the same as in conventional liquid impregnating agents, impregnation with **DIMAPCHEM AC CLEAR** does not clog the pores or capillaries, nor does it affect its ability to "breathe". **DIMAPCHEM AC CLEAR** is designed to penetrate deeply into concrete so as to afford optimum protection against absorption of water and pollutants as well as freeze / thaw cycles.

**PROPERTIES:**

Appearance

white cream Active substance content : 80 approx. [wt %]

Density at 25°C, approx. : 0.9 [g/cm<sup>3</sup>] pH,

approx. : 6

Flash point approx. : 74°C

Chloride content : < 40 ppm

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