

Protekta Base

Crystallization & porosity reduction

DESCRIPTION

Protekta Base is a porosity reducing crystallization product. It is supplied as a liquid that can be easily applied to the surface by spray or brush. Consisting of a combination of silicates and special proprietary chemicals it is used as a penetrating sealer and surface hardener on concrete. Protekta Base forms a sub-surface insoluble calcium silicate hydrate complex in the form of crystals in pores, capillaries and cracks. It greatly improves resistance to water and contaminants.

USES

- All type of pours cementitious surface
- Most concrete/masonry surfaces: roofs
- Roads, bridge, decks
- Cracks and voids
- Anti-dust
- Cement and Lime plaster

ADVANTAGES

- Reduces porosity
- Permanently reseals cracks (up to 0.4mm cracks)
- Increases surface hardness
- Can be used as a curing compound
- Reduces chloride diffusion coefficient by 89%
- Allows water vapour to exit

APPLICATION

1. The surfaces should be clean and free from dust, loose particles, oil and grease.
2. Protekta Base should be stirred well and then diluted 1:1 with water just before use.
3. A patch test should be performed on the

surface, prior to treatment.

4. Spray application is needed using a low pressure pump (Small patches can be treated by spray or brushing product on surface).
5. Make two wet-to-wet applications of Protekta Base.
6. Allow surface to dry.
7. Spray water across entire treated surface, allow it to dry, repeat water treatment and again allow surface to dry.
8. Apply another coat of Protekta Base again and allow to dry. Spray water across entire treated surface, allow it to dry, repeat water treatment and again allow surface to dry.

TECHNICAL DATA

Appearance	: Liquid
Color	: Turbid
pH	: 11.7
Odor	: Odorless
Solid content	: 27.7%
Specific gravity	: 1.225 @ 25° C
Boiling point	: 101°C

COVERAGE

20-25 sq.ft./L

PACKING

20L, 50L & 200L (other sizes available upon request)

SHELF LIFE

Six month in a closed container. Should be used before the use-by-date printed on the container. However if the product is past its use-by-date it is not necessarily unusable. A quality control test should be performed on the properties relevant to the application or the manufacturer contacted for further advice. Product older than one year should be discarded.

STORAGE

Keep away from direct heat and sunlight & store at between 20-30°C.

Once opened, material should be sealed and stored in a cool, dry place.

HEALTH & SAFETY

Protekta products are non-hazardous when properly handled, applied and stored. When handling the product, wear suitable protective clothing. The materials should not be ingested, inhaled and skin contact avoided. MSDS are available.

Goggles and gloves are recommended when handling the product.

IMPORTANT NOTE: Protekta products are non-hazardous when properly handled, applied and stored. When handling suitable protective clothing should be worn. The materials should not be ingested, inhaled or make skin contact. MSDS are available.

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