

USES

- It is used to impregnate concrete to resist water, chloride ion ingress and other toxic materials including carbon-dioxide
- It is used on reinforced concrete structures such as low and high-rise buildings, wharves, bridges and car parks to prevent chloride and water induced reinforcement corrosion
- It is used for Building facades, car parks and swimming pool

PROPERTIES

- Penetrates deeply.
- Retains the originality of the surface appearance
- Chloride ion absorption rate is reduced by over 98 -99%
- Does not form film
- Reduces water absorption
- Seals hairline cracks
- Acid & Alkali Proof

DESCRIPTION

Protekta 100N is sealer, which protects concrete from damage caused by water and waterborne chloride ion salts.

APPLICATION

- The surfaces to be treated should be cleaned either by water, steam or sand blasting and free from oil and grease.
- It is recommended that a test area be treated with Protekta 100N to ensure compatibility with the substrate.
- New concrete should be left 28 days to cure before application.
- All necessary precautions must be taken to protect the public and all other surfaces from over spray.

IMPORTANT NOTE

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

WARRANTY:

The information given in this data sheet is based on many years of experience and is correct to the best of our knowledge and should be used only as a guide. Tech Dry (India) Pvt Ltd reserves the right to alter certain product parameters within the spectrum of properties in order to keep abreast of technical advances. The information in this document is based on the present state of our knowledge and is applicable to the product. Tech Dry (India) Pvt Ltd is responsible for the quality of the product at the time of despatch but is not responsible for its quality after subsequent storage, handling and application. Neither Tech Dry (India) Pvt Ltd nor its associated companies shall be held liable for any damage resulting from the handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

- Do not apply if the building temperature is below 0°C or above 30°C, or excessively windy. Do not apply if it is raining.
- It should be applied to the dry surface by flood application using low pressure spraying equipment.
- Two coats should be applied wet to wet so that a wet film remains on the surface for at least 5 seconds.
- On vertical surfaces the stream of material should run down approximately 30 cm.

TECHNICAL DATA

Appearance	: Clear colourless liquid
Specific gravity	: 0.88 g/cm ³
Active Ingredient	: Isobutyltriethoxysilane alkyl alkoxysilane
Flash point	: 60°C
Penetration	: 22mm

COVERAGE

Very porous	: 20 sq. ft per ltr
Porous	: 30 sq. ft per ltr
Dense	: 50 sq. ft per ltr
Very dense	: 80 sq. ft per ltr

SHELF LIFE: 6 months in a closed uncontaminated container and should be used before the use-by-date printed on the container. However if the product is passed its used-by-date it is not necessarily unusable. A quality control should be performed on the properties relevant to the application or otherwise contact the manufacturer for further advice.

STORAGE: To be stored in closed containers in a cool dry place and keep away from sources of heat or naked flames. Do not allow water to contaminate.

HEALTH & SAFETY: Flammable, do not use near ignition sources. Do not breath the vapour or spray. Keep out of the eyes. Protective goggles should be worn. In areas of insufficient ventilation, use suitable respiratory equipment.

