

PROTEKTA STONECRETE

USES

- Increases strength of concrete
- Reduces porosity by going into pores to form CSH
- The environmentally safe, user friendly, strengthener, conditioner and primer for new and aged concrete

DESCRIPTION

Is useful like super seal and incorporates additional C-S-H to the concrete making it more watertight. When the two principal components of portland cement – tricalcium silicate and dicalcium silicate – react with water, they form a complex calcium silicate hydrate compound called C-S-H. This compound is effectively the "glue" in portland cement. As C-S-H forms and grows in hydrating concrete, a network of pores forms among the hydrating cement particles – even with the C-S-H itself. Large pores and uncomplicated network channels allow water to easily enter and leave the concrete, often penetrating deep into the structure to cause corrosion. If the interconnected pores are smaller and have a very sinuous path-way, however, water can only penetrate a short distance into the structure. This property is referred to as tortuosity.

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 can be provided.

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. It does not represent a guarantee of the properties of 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.

APPLICATION

Spray with hand pump profusely (3 applications) and ponding of the surface with this liquid

TECHNICAL DATA

Solubility in Water : Soluble
Specific Gravity : 1.14
Evaporation Rate : As water
pH : 13.5

COVERAGE: 20 sq. ft per kg

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 place and prevent from extremes of heat

HEALTH & SAFETY: Non-Hazardous, Non-toxic, Non-flammable

TECH-DRY (INDIA) PVT. LTD.
BUILDING PROTECTION SYSTEMS
769, Ground Floor, I Cross, I Stage, Indiranagar, Bangalore –560038
Tel: (080) 25255294 / 25255406 Fax: (080) 25289159
E.mail: techdry@touchtelindia.net