

Protekta G

A water based water repellent

DESCRIPTION

Protekta G is a very effective water-based impregnant and supplied as two components that are to be combined. Upon application it binds to the surface and provides strong hydrophobicity to masonry surface.

USES

It can be used for waterproofing of an extensive range of materials like concrete roof slabs, earth/mud/brick/cement block walls, asbestos-corrugated sheets, tiled roofs, sandstone walls and paving's, on terracotta and ceramic pavements.

ADVANTAGES

- Easy to use product providing good water repellency
- Does not alter the appearance of the treated surface
- Porosity and vapour permeability of treated surface are unaffected
- Emulsion paints can be applied to treated surface

APPLICATION

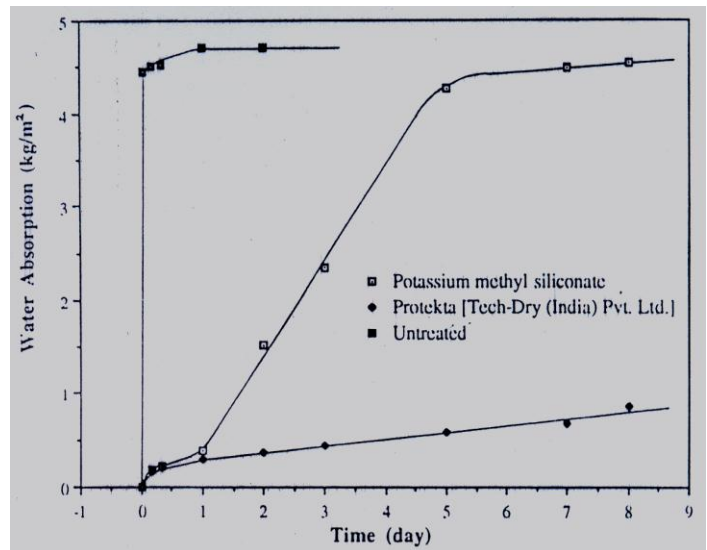
1. The surfaces should be clean and free from dust, loose particles, oil and grease.
2. A patch test should be performed on the surface, prior to treatment.
3. Apply Protekta Base on dry surface as per application instructions.
4. Fill cracks and joints with crack filling material like Protekta 400 mortar, Protekta Crackseal or Protekta Flexjoint.
5. Protekta G is supplied as two liquid components as Protekta G and Heart. Just before application, add Heart into Protekta G

and mix well. Use diluted product within 24 hrs.

6. Spray Protekta G evenly using low pressure pump over the entire area to be waterproofed. Personal protection wear to be used.
7. Two wet-to-wet applications are to be given. Particular care should be taken to see that vertical surfaces are evenly wetted.

TECHNICAL DATA

| | |
|-------------|--------------------------|
| Appearance | : Clear aqueous solution |
| pH | : 12 |
| Density | : 1.13 |
| Viscosity | : Similar to water |
| Flash point | : >100% |



Water Absorption of Cement Mortar Discs Treated with Water Repellent Impregnants

Notes:

- Impregnants were 5% aqueous solutions
- The substrates were 4 weeks old cement mortar discs which were prepared according to Australian Standard AS 3700-M3

- Substrate surface were brushed with a metal brush and washed with water, and then dried in an oven at 105°C for 24 hrs and cooled before impregnation. The treated substrate surfaces were dipped at a depth of 3 mm in an impregnant bath for 60 seconds and then dried at room temperature for 7 days before the water absorption test was carried out.
- The water absorption test was carried out by laying the treated substrate surfaces on a saturated sponge on a water bath according to Din 52617. Water absorbed by treated substrates against time was then plotted in the above figure.

DOSAGE

25 - 30 sq.ft /L

PACKING

50L 200L (Other sizes available upon request).

SHELF LIFE

Six months in a closed uncontaminated container. Should be utilized 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

Once opened, material should be sealed and stored in a cool place, away from extreme heat or direct sunlight.

HEALTH & SAFETY

Non-hazardous, non-toxic, non-flammable

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.



TECH-DRY (INDIA) PVT. LTD.

BUILDING PROTECTION SYSTEMS

877, 4th A Cross, 1st Stage, Indiranagar, Bangalore 560 038

Ph: 080-25255406 / 294 Fax: 080 - 25289159

e-mail: techdry@airtelmail.in, www.techdryindia.com

