



# TAPELASTIC

## A Surfacing System For Protecting Concrete & Masonry

### DESCRIPTION

TAPELASTIC is a two component, flexible, polymer modified cementitious waterproofing and coating system in slurry form, with versatile advantages.

### USES

TAPELASTIC can be used as a waterproofing treatment for roof, over new and old concrete, on basements and rafts against rising dampness, in masonry work as a coating to prevent salt petre over brick work. It can also be used for damp patches on walls, to seal joints through which there is possibility of water ingress and in any other area, where a quick solution for water proofing and damp proofing is required. The flexible nature of the product enables TAPELASTIC to accommodate thermal stresses, expansion and contraction of structures due to change in weather. This treatment is particularly suitable for liquid retaining structures, water bodies, reservoirs, balconies, water tanks, fountains, basements, decks and terraces. It can span over cracks and fissures upto 0.2mm widths. TAPELASTIC can be reinforced with fibre glass mats.

### ADVANTAGES

- \* Easy application: can be applied by brush, roller, squeeze or sprayed by local workers at site.
- \* Ready to use: components can be mixed at site before application.
- \* Bonds well with all conventional cementitious substrates.
- \* Safe for Water Tanks containing potable water.
- \* Establishes a breathable one way traffic system for moisture, without blistering of coatings.
- \* Strong resistance to chloride and sulfate attacks, thus making it very suitable for Marine construction.
- \* Assured consistent quality: both components are batched and packed in factory and no outside material is used.

### APPLICATION

The substrate on which TAPELASTIC is to be applied, should be well cured and sound, free from cracks, oil contamination etc. Cracks, if any, should be repaired with STRUCO LATEX in conventional manner, before application of TAPELASTIC.

Substrate should be thoroughly pre-wetted with water to a saturated surface dry condition before the first coat of TAPELASTIC is applied. The second coat can be applied after 3 to 4 hours later, i.e. after the first coat has dried.

To prepare the TAPELASTIC slurry, slowly pour the powder i.e. Component-A into the liquid polymer i.e. Component-B and keep on mixing, using a slow speed drill fitted with a suitable impeller (400 to 500 RPM). Only that amount of material should be mixed which can be consumed in about 30 minutes at 30<sup>0</sup> ambient temperature. Faster setting can take place if ambient temperature is higher. This mixing can be done in an ordinary plastic bucket. After achieving a homogenous mix, use a block brush, roller or spray to spread the material evenly over the surface. The thickness of the coat will be about 1 to 1.5 MM per coat and two coats are recommended. In areas, where abrasion or possibilities of floor abuse is there, a protective screed over the TAPELASTIC coating is recommended.

Cont .. 2..

**PHYSICAL PROPERTIES :**

Colour : Grey or White (on request)  
Density : 1.5 kg per litre  
Components : 2  
Coverage : 1.75 –2.0 kg per m<sup>2</sup> for two coats, for heavy duty application minimum 2 kg/m<sup>2</sup> should be used.

**PACKING**

4 kg. 20kg.kit, each kit contains a liquid polymer in plastic bottle (Component A) and powder pack (Component B).

**SHELF LIFE**

1 year if kept in un-opened condition.

---

**TECHNICAL SERVICE :**

*SWC group maintains a technical division with highly qualified technical personnel to investigate and advise on subjects related to Concrete and the Construction Industry. The Division can advise on the correct use and selection of right products at the right place.*

*SWC undertakes Consultancy Service for diagnosis and rehabilitation of distressed structures. SWC undertakes Contracts on turnkey basis for total Waterproofing System with guarantee*

**NOTE :** This Technical data sheet is to be used as guidance only. Although the basic formulation of the product remains unchanged, production refinements arising from continuing research and evaluation programmes may occasionally result in marginal change in properties. The recommendation and properties of the product based on continuous monitoring of the product are not intended to infringe on other patents.

---

**THE STRUCTURAL WATERPROOFING CO.PVT.LTD.**

Regd. Office : 21/1 Dover Road Calcutta- 700 019 **Dial:** 2475-2684/5378/9950, **Fax:** 2475- 8240  
Calcutta : Plot 38/1, Block-GN, Sector IV &V, Salt Lake City, Calcutta- 700 091  
**Dial:** 2357- 3546/3547, **Fax:** 2357 3881  
Delhi Office : 406, Deepali, 92, Nehru Place, New Delhi - 110 019, **Dial:** 26445680 & 26435432  
**Fax:** 26416861  
Mumbai Office : 56, Mahavir Centre, Sector -17, Vashi , Navi Mumbai - 400 703,  
**Dial:** 27893601, **Fax:** 27893571 **E-mail:** swcbom@bom5.vsnl.net.in  
Chennai Office: 81, 3<sup>rd</sup> Floor, A, Sulochana Terrace, 1<sup>st</sup> Main Road, Gandhi Nagar, Adayar,  
Chennai-600 020 **Dial.** 24423731 **Fax** 24422476  
Bangalore Office : 104, Victoria View, Borewel Road, White Field, Bangalore – 560 066.  
**Telefax** : 080 – 3310112, **Email** : [swcbangalore@yahoo.co.in](mailto:swcbangalore@yahoo.co.in)

