



**TECHNY
CHEMY**

TEC[®] WAVE 3000
High flexibility membrane Coating
- Single Component

KEY BENEFITS AND FEATURES

- Outstanding compatibility with concrete and masonry.
- Excellent breathability allowing water vapor transmission from interiors while forming a flexible waterproof membrane for exteriors.
- Remarkable weather resistance and crack bridging properties.
- Flexibility of the cured membrane greatly reduces possibility of future crack development.
- Forms a strong bond with coated substrate and remains unaffected by substrates thermal expansion and contraction.
- UV resistant and also resistant to chalking and flaking.
- Single Component- easy to apply.

USAGE

- Forms into a tough yet flexible waterproof barrier making it the product of choice for variety of applications.
- Is ideally suited for waterproofing of Terrace, Roof Slabs and Sunshades.
- Can be applied on a variety of substrates like concrete, masonry, heat pressed tiles and asbestos.
- Ideal for waterproofing of sloped roof, dome roofs, shell roofs, and folded plate roofs.
- Is very effective as a damp-proof coating for basements and below grade structures.
- Protects concrete and masonry against corrosive weather and atmospheric gases.

DIRECTIONS FOR USE

Surface Preparation : The surface should be sound, free from dirt, oils and grease. In case any concrete curing, membranes are used, they should be removed by Wire brushing. Surface should be washed thoroughly preferably by water jetting to be free of fine dust. Although Tec[®] Wave 3000 has excellent crack bridging properties, it is advised that the existing cracks be filled with Tec[®] Krackfiller.

Mixing : Tec[®] Wave 3000 is a single component system- only clean water need be added for mixing. After addition of water the material needs to be mixed until a uniform mix of brushable consistency is achieved. For best results the following dilution proportions may be followed.

Primer Coat	1.5-2 Liters of water / Kg- depending on substrate porosity.
First Top Coat	200- 250ml of water / Kg
Second Top Coat	200- 250ml of water / Kg

* Similar proportion for small pack

Application : The surface to be coated should be made damp without allowing water puddles. The mix should be applied with a good quality brush in short neat strokes taking care to ensure that there are no air bubbles. Subsequent coats can be applied after the previous coat is surface dry. One primer and two top coats will result in an overall DFT of 500 Microns. For complicated roof structures like domes, shells and folded plate an intermediate layer of glass mesh after the first top coat and an additional top coat are recommended.

Avoid application at temperatures above 40°C or below 10°C.
At temperatures around 30°C the drying time would be 4-6 hours.



Certified:
ISO 9001 (QMS) & ISO
14001 (EMS)



Post Application : The membrane should be cured for a minimum period of 72 hours.

Cleaning : Tools and equipments should be cleaned with water when the mix is in uncured state.

Precautions : As TEC[®] WAVE 3000 is moisture sensitive. Store it at dry conditions. Direct contact with skin or eyes should be avoided. Use of gloves, goggles and other protective gear is mandatory. In case of accidental eye contact thorough water washing is advised. This should be followed up with professional medical assistance. The material is non flammable.

Technical Data

Physical State	White Paste
Specific Gravity	1.25
Maturation time at 30°C	20-30 minutes.
Initial Cure	24 hours
Final Cure	7 days
Touch Dry	45-60 Minutes
Inter coat Interval	4-6 Hours
Elongation of cured membrane	>300%
Storage	Store in cool, dry location
Shelf Life	Maximum of 1 year from date of manufacture in unopened package
Colour	White
Coverage,	for one primer and two top coats on normal surface 1-1.5 Kgs/SqM

Packaging:

Available in: 1Kg & 25Kg.

OTHER PRODUCTS

Techny manufactures lot more range of other products for construction and repair applications. They include admixtures for concrete, mortars, block making etc, waterproof and damp proof coating systems, Repair and rehabilitations products, Grouts and Anchors, Protective, Decorative and Corrosion prevention coatings, Epoxy Flooring systems, Industrial flooring systems and Tiling aids. For more details refer Separate Product brochures.

Every reasonable precaution is taken in the manufacture of the Techny products to ensure that they comply with high standards of quality. The recommendations and properties of the products are based upon what is believed to be the most reliable information available and are not intended as recommendations which infringe other patents. Although all Techny products are subject to rigid quality tests, no specific guarantee can be given, because results depend not only on quality but also on other factors beyond our control. We therefore welcome consultation in the event of doubt about application performance etc but do not accept any liability either directly or indirectly arising from the use of the products whether used as per its specifications or advice or otherwise. All transactions shall be subject to our terms of sale, delivery and payment. The leaflet supercedes the previous one and any new issue may take place without notice to supercede this edition as and when it becomes necessary.

TECHNICAL DATA SHEET
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