



# TECHNY CHEMY

## TEC<sup>®</sup> WAVE FG Solvent free Food grade Epoxy coating for Water tanks

### KEY BENEFITS AND FEATURES

- Outstanding compatibility with Steel, concrete and masonry.
- Tough and durable at lower maintenance cost.
- Exhibits exceptional bond strength on old and new concrete Surfaces.
- Resistant to a wide range of chemicals commonly used in water treatment and water tank cleaning.
- Suited for tanks storing potable water.
- Can be used for application in enclosed spaces
- High Gloss Finish makes coated area easy to clean.
- Aesthetically pleasing- available in two pleasant shades.
- Easy to apply.

### USAGE

- Most suited coating system for potable water storage tanks.
- Can also be used for process water-retaining structures.
- Can be used safely in food processing and packaging zones and cold storages.

### DIRECTIONS FOR USE

**Surface Preparation :** Proper surface preparation is the key to any successful Epoxy application. The surface to be coated should be free of dust, laitance, oils or other contaminants. Water jetting or brisk scrubbing should be adapted to remove surface contaminants. The surface may be moderately damp but should not suffer water ingress. For old Surfaces with heavy oil contamination, detergent washing with mechanical scrubbing should be followed by thorough water washing. For new concrete Surfaces ample time should be allowed after completion of curing. The moisture content before application of the Coating should not exceed 5%. Tec<sup>®</sup> Wave FG can be applied directly to mild steel and concrete surfaces. Priming coat is not always required. In specific cases of highly porous surfaces a priming coat of Tec<sup>®</sup> Nova Primer EP may be applied prior to application of Tec<sup>®</sup> Wave FG.

**Mixing :** Tec<sup>®</sup> Wave FG is a two component system. For consistent results mix the entire contents of Part-B Hardener to Part-A Base and mix gently for about 3 minutes preferably with a slow speed drill fitted with a stainless steel mixing paddle. The resulting homogenous mix must be of uniform shade. Care should be taken to maintain a clean environment in the mixing area to ensure that the mix is free of any contamination. Ease out air bubbles in the mix before application.

**Application :** The mix should then be applied over the prepared surface quickly ensuring that the entire mix is used up well within the pot life. The application should be done with a brush and finished with a roller. Ensure that a neat film is formed without blow holes, air bubbles or fisheyes. The second coat of Tec<sup>®</sup> Wave FG should be applied when the first coat has reached tack free stage. Avoid application at temperatures above 35°C or below 15°C.

**Post Application :** The coated area should be allowed to set at room temperature for a minimum period of 7 days. The coated surface should be washed with clean water before allowing water storage.

**Cleaning :** Tools and equipments should be cleaned with Tec<sup>®</sup> Nova TC- Tool Cleaner when the mix is in uncured state. Cured mix can only be removed mechanically.



Certified:

ISO 9001 (QMS) & ISO  
14001 (EMS)



**Precautions :** In cases where primer application is required prolonged inhalation of solvent vapors should be avoided and enclosed spaces should be adequately ventilated. 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. Neither the individual components nor the mix should be swallowed.

#### Technical Data

Physical State	Part- A- Liquid Part-B- Liquid
Pot Life at 30°C	30-45 minutes.
Initial Cure	48 hours
Final Cure	7 days
Storage	Store in cool, dry location
Shelf Life	Maximum of 1 year from date of manufacture in unopened package
Colour	Sky Blue, Ash Grey
Coverage, for One coat on normal surface	5-6 SqM/Kg of Mix/Coat.

#### PACKAGING:

Available in: 1Kg & 6Kg.

#### 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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