



**TECHNY
CHEMY**

TEC[®] NOVA PRIMER EP
Multipurpose Epoxy Primer
for Concrete and Masonry

KEY BENEFITS AND FEATURES

- Outstanding compatibility with concrete and masonry.
- Ideal primer for application of Tec[®] Nova -Epoxy Floor coatings, Epoxy Self Level floorings and Epoxy Screeds.
- Exhibits exceptional penetration on old and new concrete floors.
- Can be applied on moderately damp surfaces.
- Forms a strong bond with coated substrate while enhancing bond strength between substrate and topping.

USAGE

- As a Primer for Epoxy Floor Toppings, Floor Coatings and Solvent free Epoxy coatings.
- Recommended Epoxy Primer for Tec[®] Nova FC, Tec[®] Nova FC 300, Tec[®] Nova SLand Tec[®] Nova SF.

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. Mechanical means like Grit Blasting or grinding should be adapted to remove surface contaminants. The surface may be moderately damp but should not suffer water ingress. Acid etching with diluted Hydrochloric acid followed by copious water washing will produce a surface similar in texture to fine/medium grit sand paper. For old floors with heavy oil contamination, detergent washing with mechanical scrubbing should be followed by thorough water washing is recommended. For new concrete floors ample time should be allowed after completion of curing. The moisture content before application of the primer should not exceed 5%.

Mixing : Tec[®] Nova Primer EP 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 is ready for application.

Application : The mix should then be applied to the surface quickly ensuring that the entire mix is used up well within the pot life. The application should be done with a short bristled brush or roller. Ensure that a thin neat film is formed without blow holes, air bubbles or fisheyes. On porous substrates rapid absorption of the first coat will result in the surface appearing parched, in such cases it is advisable to go for a second and if necessary a third coat. This will prevent release of air from the pores after application of finish coats. Avoid application at temperatures above 35° C or below 15° C.

Post Application : Post application of Tec[®] Nova Primer EP the application of the topping systems will vary for Tec[®] Nova FC, Tec[®] Nova FC 300, Tec[®] Nova SLand Tec[®] Nova SF. Refer individual data sheets for these products for obtaining correct application data.

Cleaning : Tools and equipments should be cleaned with Tec[®] 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 : Prolonged inhalation of solvent vapors should be avoided. Direct contact with skin or eyes should be avoided. Use of gloves, goggles and other protective gear is mandatory. Enclosed spaces should have adequate ventilation. Where ventilation is inadequate use of suitable breathing apparatus is advised. 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	24 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	Clear
Coverage, for One coat on normal surface	7-8 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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