



TECHNY CHEMY

TEC[®] NOVA FC 300

Epoxy Floor Coating System
with Extra Build Thickness



KEY BENEFITS AND FEATURES

- Outstanding compatibility with concrete and masonry.
- Tough and durable at lower maintenance cost.
- Suited for moderate to heavy traffic.
- Higher build thickness resulting in longer life of coating.
- Exhibits exceptional bond strength on old and new concrete floors.
- Resistant to a wide range of chemicals commonly used in an Industrial environment.
- Protects the concrete floor surface exhibiting high abrasion resistance.
- Forms into a seamless floor protection film.
- Aesthetically pleasing- available in wide range of pleasant shades.
- Easy to apply.

USAGE

- The high abrasion resistance of Tec[®]Nova FC 300 makes it the ideal choice for Industries like Textile, garment units, Vehicle showrooms and service centers.
- Resistance to a wide range of chemicals makes it the ideal floor coating system for food processing units, chemical industry, and wet process areas in various manufacturing facilities.

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. 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%. A priming coat of Tec[®] Nova Primer EP should be applied prior to application of Tec[®] Nova FC 300.

Mixing : Tec[®]Nova FC 300 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.

Application : The mix should then be applied over the tack free Primer coat 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 thin neat film is formed without blow holes, air bubbles or fisheyes. The second coat of Tec[®] Nova FC 300 should be applied when the first coat has reached tack free stage. Avoid application at temperatures above 35°C or below 15°C.



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



Post Application : The coated area should be allowed to set at room temperature for a minimum period of 48 Hours. The area should then be inspected before being put to use.

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.

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

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| Physical State | Part- A- Liquid Part-B- Liquid |
| Pot Life at 30C | 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 | Ref Shade card |
| Coverage, for One coat on normal surface | 5-6 SqM/Kg of Mix. |

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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