



TECHNY CHEMY

TEC[®] BRITE U
Multiuse High Build Clear Coating System



KEY BENEFITS AND FEATURES

- Clear polymeric resin based system suited for a variety of applications.
- Water repellent laminate type protection system for an assortment of exterior applications.
- Rapid film formation permits quick use of coated surfaces.
- Outstanding resistance to the attack of salty and acidified atmosphere.
- Prevents efflorescence.
- High gloss- enhances the aesthetics of applied substrates.
- Excellent gloss retention property.
- Ensures long lasting protection to the applied surface even after prolonged exposure to the weather Conditions.
- Prevents staining and is easily cleanable.
- Single Component- easy to apply.

USAGE

- Forms into a lamination type water repellent barrier on the treated substrate.
- Ideally suited for coating on decorative clay tiles, concrete tiles, sand-lime tiles, pavers, natural stones and flame finished granite.
- Other applications include heat pressed tiles, cement fiber boards, wire cut low- porosity bricks, artificial stones, sandstone and façade decoration.
- Ideal for protection of ancient stone structures.

DIRECTIONS FOR USE

Surface Preparation :

The surface should be sound, free of fine dust and laitance. The surfaces may be sanded with appropriate grades of emery sheets depending on the firmness of the substrate and the amount dirt to be removed. The surface to be treated should be free of oil, grease, algal growth, dust and loose particles. Water washing may also be done well before application. All surfaces must be moisture free dry before application. Presence of moisture will cause blisters in the finish coat. Use of acids/ alkali's, detergents or other cleaning agents should be avoided unless it is required to remove oil contamination. In this case thorough water washing should follow detergent washing and the surface should be left to attain moisture free dryness. Concrete/ masonry substrates should have completed their curing period and should be moisture-free dry.

Mixing :

Tec[®] Brite U is a single component solvent based system that may be applied directly. However, the contents should be stirred well in their containers before use.

Application :

Application may be done over the prepared surface by brush and finished with a roller. However, application with a good quality brush is most ideal. Sponge application is also suitable, but Tec[®] Brite U should be thinned by upto 10% (depending on the application conditions) using Tec[®] Nova SOL. Application should be carried out as quickly as possible as the material will jell rapidly. Do not apply at temperatures above 35°C or below 10°C. Ideal application temperature would be in the range 25°C to 30° C. A minimum of two coats must be applied.



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



CLEANING:

Tools and equipments should be cleaned with Tec[®] Nova SOL Tool Cleaner, when the mix is in uncured state. Cured material can only be removed mechanically.

PRECAUTIONS:

In cases where application involves prolonged inhalation of solvent vapors, adequate ventilation should be ensured before commencing the application job. 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. Tec[®] Brite U should not be swallowed. Tec[®] Brite U is flammable and adequate precautions to prevent fire or sparks should be taken at the site.

TECHNICAL DATA

Physical State	Clear Liquid
Specific Gravity	0.850 ± 0.02
Pot Life 30°C	30-45 minutes.
Initial Cure	20 Minutes
Final Cure	2-3 Hours
Touch Dry	20 Minutes
Inter coat Interval	1 Hour
Storage	Store in cool, dry location
Shelf Life	Maximum of 1 year from date of manufacture in unopened package
Colour	Clear Glossy
Coverage	4-5 SqM/Kg/Coat*

* Coverage will vary widely depending on the surface being treated

PACKAGING

Available in: 750 Gm Tins and 15 Kg Barrels.

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
REVISED - February, 2010

CORPORATE OFFICE:

No.24, Patel Street, Ayyappa Nagar, Tiruchirapalli-620 021, Tamil Nadu, India
Phone : 0431 2458519 Fax No : 0431 2458590 Email : info@technychemy.co.in
Web : www.technychemy.co.in