



**TECHNY  
CHEMY**

**TEC<sup>®</sup> COOL**  
Heat insulation Coating

#### KEY BENEFITS AND FEATURES

- High heat resistance.
- Dirt pick-up resistance. The UV-cross-linking technology of the acrylic binder has been optimized to guarantee a low dirt pick-up performance.
- Reduces the consumption of electricity while using cooling machines.

#### USAGE

- Surfaces like concrete, and metal sheets of exterior roofs and walls of houses, buildings, industrial facilities and warehouses could be protected by heat insulation coatings.

#### DIRECTIONS FOR USE

##### SURFACE PREPARATION:

Clean the surface thoroughly for any loose particles, fungal growth, and small vegetations. Water wash it thoroughly.

##### MIXING:

Mix 1 kg of TEC<sup>R</sup> COOL powder with 1200 ml of water admixed TEC<sup>R</sup> COOL liquid additive to attain brushable consistency. It could be mixed and prepared with rotational devices like dissolver, butterfly mixer or planetary mixer.

##### APPLICATION:

It is recommendable to apply a layer at dry thickness 1,0 1,5 mm to achieve a sufficient insulation. The insulation coating is easy to apply with a roller, brush or by spraying.

##### CURING:

Sprinkle water over the applied surface after 24 hrs.

##### COVERAGE:

One kg of TEC COOL covers an area of 60 sft per two coat.

##### PACKING:

5 kgs with 100 gms Liquid additive & 25 kg with 500 gms Liquid additive



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



## **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, Tiruchirappali-620021. Tamilnadu, India  
Phone : 0431 2458519 Fax No : 0431 2458590 Email : [info@technychemistry.co.in](mailto:info@technychemistry.co.in)  
Web : [www.technychemistry.co.in](http://www.technychemistry.co.in)