



**TECHNY  
CHEMY**

**TEC<sup>®</sup> CHILL**  
Thermal insulation Coating

#### KEY BENEFITS AND FEATURES

- High water resistance. The expanded microspheres present in the coating do not absorb water.
- Have higher water vapour permeability than corresponding standard coatings.
- Dirt pick-up resistance. The UV-cross-linking technology of the acrylic binder has been optimized to guarantee a low dirt pick-up performance.
- Extrudation: Very low extrudation when applied at low temperature and high humidity.
- Shortened drying time. Due to the high volume solids of the expanded microspheres the drying time is shortened.

#### USAGE

Surfaces like concrete, wood and metal sheets of exterior roofs and walls of houses, buildings, industrial facilities and warehouses could be protected by Heat reflective coatings.

#### DIRECTIONS FOR USE

##### SURFACE PREPARATION:

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

##### MIXING:

The thermal insulation coating could be mixed and prepared with rotational devices like dissolver, butterfly mixer or planetary mixer. Mix 1 kg of TEC<sup>R</sup> CHILL with 400 ml of water to attain brushable consistency.

##### 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.

##### PROPERTIES:

Pigment volume concentration	63,7 %
Volume solids	67,7 %
Weight solids	60,0 %
Density	0,80 g/cm <sup>3</sup>

##### COVERAGE:

One kg of Tec<sup>R</sup> Chill covers an area of 50 sft per coat.

**PACKING:** 25 kgs & 1 kg containers.



**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.

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TECHNICAL DATA SHEET  
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