

K COAT INSULTECH

High performance, long lasting, flex thermal, Decorative,
Anti Carbonation coating for Exterior / Interior Surfaces-

PRODUCT

K COAT INSULTECH is a new technology. It is a rubber like Coating that Seals and expands and Contracts with the surface it covers. So it protects from wind and rain & resists cracking & peeling from severe heat and cold.

BENEFITS

- > Anti Carbonation properties
- > Good Weathering properties
- > Provide a Protective Thermal barrier that can enhance building climatic conditions, reduce utility costs.
- > Excellent bond-resist water-Forms Flexible film
- > Gap bridging properties
- > Better temperature control and rusting durability can be addressed through the application Of K COAT INSULTECH.
- > Allows substrate to breathe-choice of colours-Single pack, brush applied non toxic / non inflammable
- > Excellent water proofing coating
- > Temperature reduction from 8% to over 20% - protect against wind and rain.
- > Be applied very economically-provide better work or living environments-> Require less maintenance
- > Enhance structure life
- > Cover and seal crack.

PURPOSE

To provide a smooth decorative durable coating and provides lasting protection against wind, rain, and temperature.

PACKAGING & COVERAGE

1, 5 And 20 Kgs. 4-5 m² / Kg. / two coats. coverage of K COAT INSULTECH depends on the surface.

DESCRIPTION

K COAT INSULTECH is a ready to use elastomeric aqueous based coating containing special polymers and fillers. K COAT INSULTECH provides extremely long lasting protective coating that creates a reflective thermal barrier, with stands severe temperature and temperature changes and provides lasting protection against wind and rain. K COAT INSULTECH has been specially designed for me decoration and protection of concrete. Against attack from atmospheric, carbon dioxide, airborne, chlorides, acid, rain, weathering etc.,

K COAT INSULTECH is non-inflammable and non-toxic and hence can be used in interiors also. It is a high performance, long lasting, flex thermal coating adheres to a wide variety of substrates and almost concrete surface. Consequently, practically any industrial, commercial, agricultural, governmental or residential requirement for better temperature control and lasting durability can be addressed through the application of K COAT.

K COAT INSULTECH has excellent adhesion to the substrate and cures to form a flexible film that allows the surface to breathe and acts as carbon dioxide barrier thus protecting the concrete in aggressive weather conditions. It has excellent gap bridging ability and does not age with time, and forms an extremely durable film. This product provides out standing adhesion & weather resistance as well as excellent temperature protection from exposure to radiant heat.

PROPERTIES

Surface finish: Matt; Fire resistance: Non inflammable; Application temperature: 30⁰C-40⁰C; Drying time Pouch dry: 1/2 hrs to 4 hrs. (Depends upon temperature and humidity) thorough dry 2 hrs. 12 hrs. Single or two coats can be applied. Two coats are recommended on dark, absorbent heavily textured surfaces. When full carbonation protection is required. Porous rough and irregular surfaces will reduce coverage rates. Carbon dioxide diffusion resistance. CO₂=690,000 (Based on Engelried Technique). 2 Coats application. Equivalent to air thickness R=200m at a film thickness of 209 microns. Effective barrier to carbon dioxide is R50m.

