

CHEMROOF INSULATION

DESCRIPTION:

Chemroof Insulation is a solar reflective insulation with specialized insulating fillers and an elastomeric acrylic waterproofing coating it contains white pigments & heat reflective ceramic spheres which give the product heat reflective & insulating properties it protects the substrates by reflecting up to 90% of the incident solar heat from the surface **Chemroof Insulation** has long life flexibility and is ideally suitable for areas on extreme climatic conditions **Chemroof Insulation** provides fire & whether resistant flexible coating that can reduce energy costs for cooling by up to 40%.

PROPERTIES:

Chemroof Insulation is a blend of whether resistant pigments, ceramics spheres & acrylic ester resins.

- Water proofing & Whether proof coating
- Heat reflective & insulating properties
- Reflect ultra-violet light rays
- Allow surface to breath while remaining strongly anchored to substrate
- Provide the seamless coating
- High flexibility
- Fast Drying
- Reduce energy costs (for cooling) up to 40%

AREA OF USE:

Chemroof Insulation is design for application on roof constructed from a wide verity of materials i.e., Concrete, Light Weight Concrete, Roof Tiles, Wood, Galvanized Steel, Corrugated metal roofing, Asphalt & Asbestos Cement. It is ideal for use in areas were flat roofed construction.

PREPARATION OF SURFACE:

Ensure that all dust, dirt & foreign matter are brushed & scraped away. Also ensure the surface are free from salts, oil, grease, ridges & protect all adjacent surfaces note to be covered. All cracks voids and damages should be repaired with

appropriate filler while working on a concrete roof. Rust, mill scale and other foreign matter should be removed.

PRIMING:

If surface is porous it is recommended to use **Chembond Acrylic** penetrating primer prior to **Chemroof Insulation** application.

APPLICATION:

Chemroof Insulation is applied by spray or brush or roller @ of about 0.75 – 1.0 Sqm/Kg, embedding non-woven polyester fabric in areas which require reinforcement. Allow to dry & apply another coat to give an overall average consumption of 0.5 – 0.75 Sqm/Kg.

Do not apply if rain is threatening, as **Chemroof Insulation** is not resistant to rain until fully dry. Ensure tools & equipment is cleaned with water after use.

HEALTH & SAFETY:

Avoid prolonged contact with eyes & skin. For detail information refer to relevant material safety data sheet.

PACKAGING:

Chemroof Insulation is packaged in 15 Kg & 220 Kg Drums.



CHEMROOF INSULATION

TECHNICAL PROPERTIES:

Color	: Green, brick red, grey etc.
Elongation	: 20%
Pot Life	: 1 Hour
Foot Traffic	: After 1 Day
Solar Reflectance	: 98%

The information and recommendations above are given in good faith based on our current knowledge and experience of the products when properly stored, handled and applied in accordance with current best practice, national standards and our recommendations. As we have no control over site conditions or methods of application, no liability can be derived from the contents of this information sheet, or from any written recommendations, or from any other advice offered. The user of the product is solely responsible for the product's suitability for the intended application and is recommended to test the suitability prior to use. We reserve the right to change the properties of our products without notice. All orders are sold subject to our current terms of sale and delivery. With the publication of this Technical Information Sheet all previous editions are no longer valid.

