

# isothane<sup>TM</sup>

thermal insulation coating



its cool  
energy saving

- **Isothane (thermal insulation coating)**  
Isothane is the most advanced radiant barrier; this space age product having ceramic micro spheres of millions tiny vacuum beads clustered tighter to form a resin that, when applied to roofs or wall, dries to create a tough, heat-insulation coating. isothane is non-toxic & environmentally friendly as it reduces internal temperatures up-to 45% ,thus cuts the need for cooling by up-to 40%, with a reduction in internal temperature you can enjoy lowering you air conditioning & refrigeration, so that you can save energy cost up-to 50%.
- **How isothane block the heat buildup**  
Heat comes in three forms: ultra-violet (UV), visible light & infrared (IR), isothane will block all three, especially IR, which is responsible for roughly 57% of heat load on buildings.  
Isothane can be applied on the roof & side of a building, such as concrete, metal, felt, asphalt, aluminum, wood & rubber; it can be used on the interior surfaces.
- **Isothane as waterproof coating**  
With having high elongation & strong bonding additional properties, isothane can creates excellent waterproof barrier against all type of roofs & exterior walls.
- **Isothane can prevents thermal shocks**  
Damage due to hot weather conditions, Isothane also helps to prevent building expansion/contraction & thermal shocks.
- **Good for environment**  
Using air conditioning & other cooling appliances is not very good for environment, isothane will drastically reduce the temperature, and it will help the environment.

## ■ Why Isothane

Isothane is an ideal replacement of supplement for conventional blanket insulation, and additional benefit includes:

- ✓ Contains anti-fungal, anti-rust, anti-mould & sound absorption properties
- ✓ Application versatility ideal for wood, concrete, bricks & metal etc
- ✓ Superior moisture protection & heat dissipation
- ✓ Elimination of condensation under insulation
- ✓ Eliminates blistering, peeling & cracking
- ✓ Proprietary cross-linking structure
- ✓ Reduces temperatures up-to **45%**
- ✓ Save energy cost up-to **50%**
- ✓ Reduce maintenance coasts
- ✓ Crack-free & flexible
- ✓ Seale and waterproof
- ✓ Fire Retardant
- ✓ Easy to apply
- ✓ Non-toxic
- ✓ Anti-rust

*freeze the heat  
with isothane.*

## ■ Coverage

1 litter will cover an area of 2 s-m at 500 microns wet.

## ■ Installation

### Preparation

Use Power wash & make sure that the roof is clean, dry & free from dust, oil, wax, greases, rust & corrosion

### Application

Use sprayer, roller or brush and apply two coats of isothane. The first coat should be dry before the second coat can be applied.



