



**HEATAX** is a nano-tech high performance insulation coating specially developed for anything under the sun

**HEATAX** is a formulated water-based insulation coating that can effectively lower surface temperature, reduce your cooling costs and create a greener environment by mitigating urban heat island effect.

**HEATAX** is environment-friendly, has ultra-low organic compounds and is free of hazardous substances.

**HEATAX** can be used for any substrate, and applied on exterior surfaces using spray, roll or brush application method.

### CERTIFICATIONS



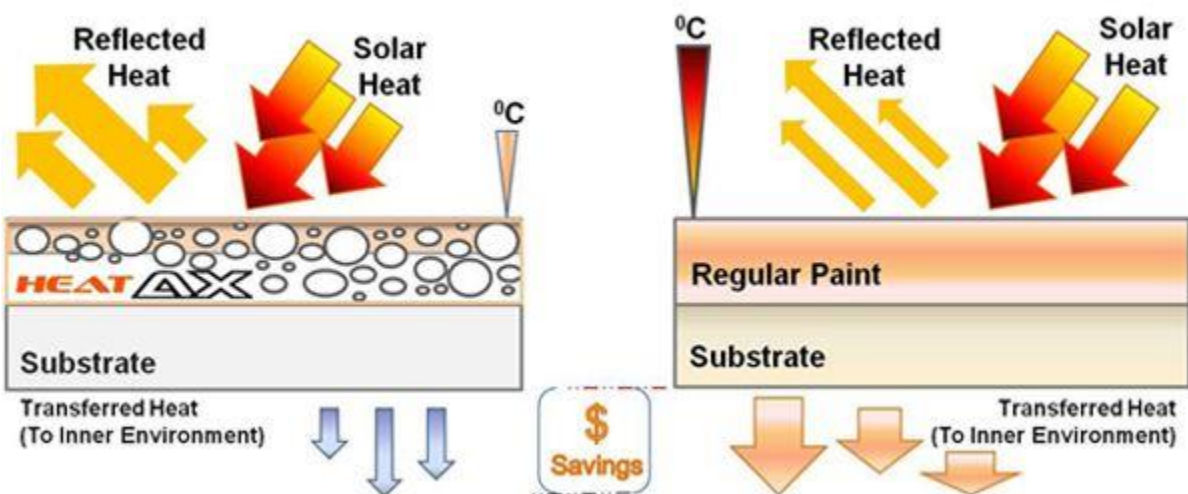
- ✓ ASTM C1549 Solar Reflectance (88%)
- ✓ ASTM C1371 Emittance (90%)



- ✓ SGL-032 Environmentally Friendly Heat Reflective Coating
  - Solar Reflectance >65% (at 88%)
  - Low VOC of <25g/l (at 7.34g/l)
  - Flash Point of >61°C (Passed)
  - No hazardous substances, e.g. Mercury, Lead, Aromatic Solvents (Not detected)

**RoHS**

- ✓ 2002/95/EC Restriction of Hazardous Substances (Not detected)



## HOW DOES HeatAX WORK?

**HEATAX** uses its certified solar reflectance and emittance properties to greatly reflect the solar heat and efficiently emit the absorbed heat from the roof and facade before the heat can enter your inner environment. Its low thermal conductivity also effectively blocks the heat transfer through the substrate to protect your inner environment from the blazing sun. The 0.3mm thick dense nano particles structure of **HEATAX** also acts as an excellent barrier to heat, sound and water.

### 10 Advantages :

**Reflection effect** : 5% ultraviolet ray, 45% visible light and 50% near-infrared light ;

**Energy saving** : Thermal conductivity 0.094W/m-k, lower room temperature to 7-10°C;

**Sound-proofing** : Effectively lower ultrasonic transmission to 8.8db;

**Water resistance** : Water permeability > 0.05%;

**Stain resistance** : Excellent water-repellent, oil-repellent and dirt protection;

**Anti-condensation** : Widely disperses water vapor and reduce 1/5 of the incidence of condensation;

**Weather resistance** : life cycle up to 20 years;

**Tension strength** : HB pencil hardness to prevent hairline cracks;

**Environmentally friendly** : Low VOC, No hazardous substances;

**Cost effective** : Easy application, no primer/ sealer requested, no dilution

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