



SEAL THERMAL-SHIELD NT

INTERIOR APPLICATIONS



The High Tech Eco-Friendly Thermal Insulation Coating for Interior Surfaces
Improves efficiency and reduces energy costs

Brochure



Energy Saving



Waterproofs



Eco-Friendly



Sound Damping

www.seal-coatings.com

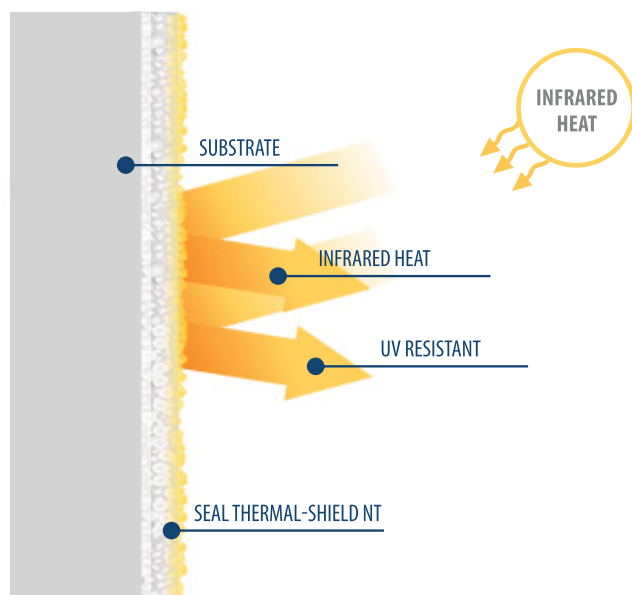


Thermal Insulation & Energy Saving



Seal Thermal-Shield NT works as an insulation barrier within the building thus preventing in winter heat loss from inner to outer through mostly conduction while entrapping the cool temperature of the air conditioned rooms in summer.

STS NT is designed with flexibility to cover hairline cracks at sufficient film thickness. It has a luxurious paint film with excellent flow while it is highly washable easy to clean.



Environmentally Friendly

Seal Thermal-Shield NT Product is waterborne and free from any Toxic or Hazardous substance both in its liquid and cured forms.



Benefits

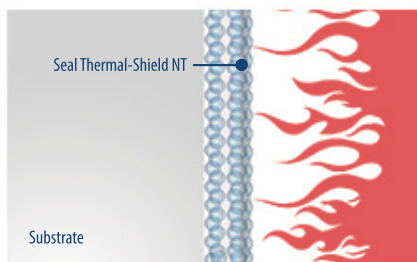
- Available in a wide range of interior colours
- Reduces internal temperatures
- Increased thermal protection and saves energy
- Non-toxic, water-based, low VOC
- Eliminates blistering, peeling & cracking
- Excellent bonding to most substrates
- Excellent breathability
- Water Resistance
- Very low maintenance/repair costs
- Dual protection by anti bacterial and fungal
- Anti-crack
- Low Odor
- Easy clean



Seal Thermal-Shield NT Keep's buildings cooler in the summer and warmer in winter by reducing heat transfer through walls.

*Temperature reduction various with environmental and application factors

Class A - Fire Retardant



Water Resistant



Mildew & Bacteria Resistant



Typical Applied Surfaces

- Concrete walls
- Brick walls
- Plastered walls
- Timber claddings
- Metal walls
- and much more...



Theoretical spread rate

3.5 m² / Liter @ 300 Microns WFT

Approximate drying time

To re-coat: 4 hours, Fully dry 12 hours

Equipment

Roller or airless spray application is recommended

Thinning

Approx. 0%-5% with sweet water.

Packaging size

Available in 5 litres and 20 litres (Pail)

Colours

White or as per the interior colour chart

Product test and certificates

Type	Method	Results
Thermal Conductivity	ASTM C 518-02	0.06 W/mK
Water Penetration	BS EN 12390	0mm @ 4kpa
VOC Content	BS EN ISO 11890:2	< 0.1 g/l
Light Reflectance Value	BS 8493:2008 + A1	93.18
Adhesion Strength	ASTM D 4541-09	3.0 N/mm ² Concrete
Fire Retardant	ASTM E 84	Class A
Elongation	ASTM C638-10	>100%