SEAL THERMAL-SHIELD XT
EXTERIOR APPLICATIONS

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

Brochure

Energy Saving  Waterproofs  Eco-Friendly  Sound Damping

www.seal-coatings.com

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Thermal Insulation & Energy Saving

Seal Thermal-Shield XT forms an elastomeric heat barrier by, resisting over 95% of UV; refracting and dissipating up to 75% of the heat; and by reducing heat conduction. With this phenomena, heat entering a building is significantly reduced.

Benefits

- Available in a wide range of exterior 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
- Mold, fungal, mildew and moisture resistant
- Protection against concrete carbonation

Case Study - Plastered Wall
Summer duration - plastered wall surface temperature
Case study - Dubai
Class A - Fire Retardant

Waterproofs

Reduces Thermal Shock

Typical Applied Surfaces

Concrete walls

Plastered walls

Brick walls

Powder coated / Galvanized metal walls

Theoretical spread rate
3.0 m² / Liter @ 400 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 exterior colour chart

Product test and certificates

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<thead>
<tr>
<th>Type</th>
<th>Method</th>
<th>Results</th>
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<tbody>
<tr>
<td>Solar Reflectance</td>
<td>ASTM C 1549-09</td>
<td>88.3</td>
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<td>Solar Reflectance Index</td>
<td>ASTM E 1980-01</td>
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<td>Thermal Conductivity</td>
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<td>Water Penetration</td>
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<td>Light Reflectance Value</td>
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<td>7.0 N/mm² Concrete</td>
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<td>Abrasion Test</td>
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<td>Fire Retardant</td>
<td>ASTM E 84</td>
<td>Class A</td>
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<tr>
<td>Elongation</td>
<td>ASTM C638-10</td>
<td>&gt;250%</td>
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