

THERMAL-SHIELD MARINE

The High Tech **Eco-Friendly** Waterproofing Coating for Marine use



MARINE USE
STS - MARINE



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www.seal-coatings.com

SEAL THERMAL-SHIELD MARINE

MARINE THERMAL APPLICATION

Thermal-Shield Marine - Thermal Radiant Heat Barrier Coating Benefits



Thermal-Shield Marine (STS-M) is a high performance water based acrylic thermal insulation protective coating formulated with ceramic microspheres, anti-corrosion, antibacterial, anti-condensation and sound damping fillers for various types of marine applications. The combination of a high loading of the ceramic microspheres with their vacuum centers reduces the heat flow inside and reduces the sound transmission from bouncing off the surface and reduces condensation from within the cabin.

Thermal-Shield Marine (STS-M) can be used on interior & exterior surfaces above the water line and used on different types of marine applications such as work-boats barges, shipping vessels, yachts, landing crafts and military crafts.



BENEFITS

- Reduces internal temperatures.
- Anti-Condensation.
- UV Protection.
- Mildew & Bacteria Resistant.
- Excellent adhesion to various metal substrates.
- Anti-corrosion.
- Reduction of structure-borne noise and vibrations.
- Protects the surface from the harsh Marine environment.
- Excellent bonding to most substrates.
- Reduces maintenance costs.
- Can be applied to difficult to reach places.
- Applied in conjunction with traditional insulation to improve overall thermal insulation systems.
- Environmentally friendly.
- Lightweight.
- Water Resistance.

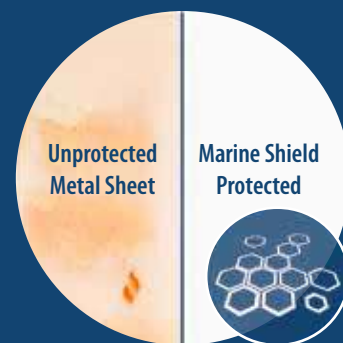
Marine Coated Benefits



Energy & Cost Saving



Ceramic Microspheres Tech

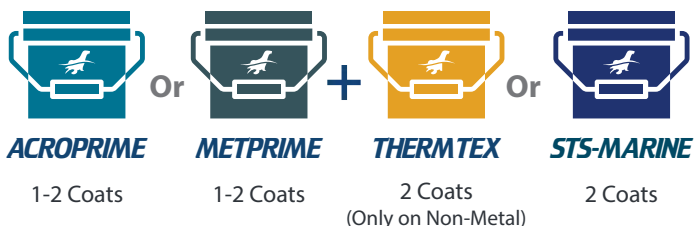


Corrosion Control

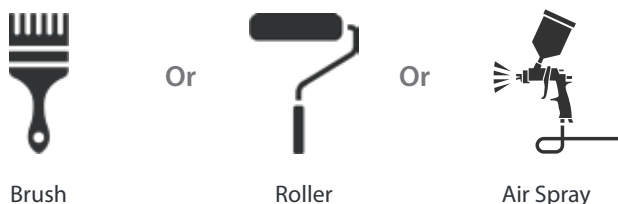
SEAL THERMAL-SHIELD MARINE

MARINE THERMAL APPLICATION

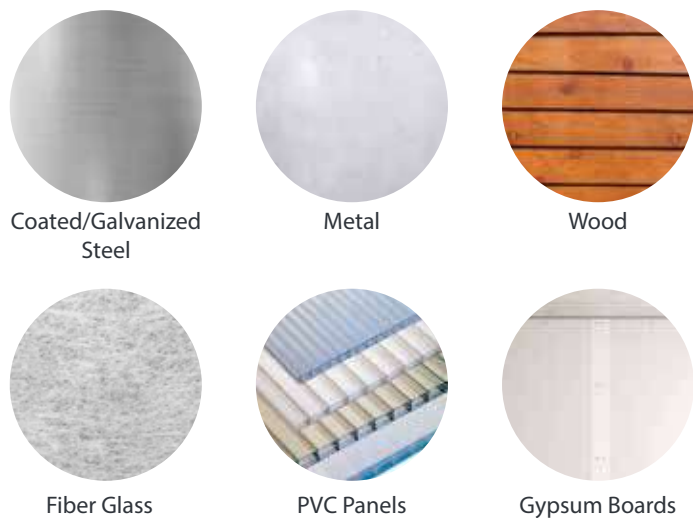
Recommended System



Application Equipment



Recommended Surfaces



General Application Guide



Open & Mix

Mix well with a paddle to ensure liquids and solids are well dispersed before application.



Surface Preparation

The substrate should be cleaned and dry and any dirt, oil, greases or loose particles should be completely removed before application.



Application Thickness

Apply first coat @ 0.75mm and when touch dry apply second coat @ 0.75mm WFT.

Available Packaging Size



Theoretical Spread Rate

3.75 m² @ 1.5 mm WFT



Theoretical Spread Rate

15 m² @ 1.5 mm WFT

Solid Content

68% by volume ± 2%

58% by weight ± 2%

Dilution

Approx. 0%-5% with water.

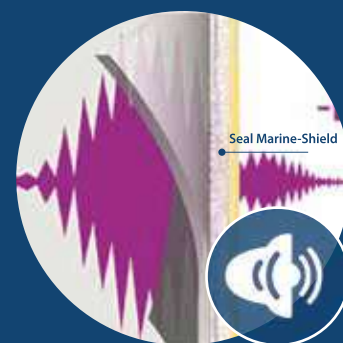
This is a **Brochure only** and limited technical product parameters are given. Please visit www.seal-coatings.com or contact your local Seal Coatings sales office for the available Technical Data sheet (TDS) or Material Safety Data Sheet (MSDS).



Many Colours Available



Water Based/Low VOC



Sound Damping

“Thermal-Shield Marine reduces heat gain in summer & optimizes energy efficiency in boats and ships”



SEAL COATINGS™
SIMPLICITY IN INNOVATION

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