

THERMAL GUARD EXT

FOR EXTERIOR SURFACES

A nano-formulated thermal insulating paint for exterior walls & masonry that can provide up to 30% energy savings.



FEATURES



BLOCKS HEAT TRANSFER



UV-RESISTANT



RETAINS BREATHABILITY



WATER-RESISTANT

SUBSTRATES



CONCRETE



BRICK & MORTAR



PLASTER & STUCCO

PREVENTATIVE MAINTENANCE



HIGH ENERGY COSTS



THE NANO-SCIENCE

Thermal Guard Exterior provides significant reduction in thermal conductivity, reflectance of thermal radiation and decreased water absorption. It can prevent the development of Urban Heat Islands (UHIs), by reflecting more than 90% of the incident heat radiation away from the structure, saving on energy costs for commercial, residential & industrial buildings.

APPLICATION

SURFACE PREP

- All surfaces should be clean and dry.
- Substrate temp should be 46.4°-95°F (8°-35°C)
- Stir well before application. Do not dilute for bridging gaps and hairline cracks of up to 0.5 mm. For cracks larger than 1mm, fill the gap with a suitable putty. If thinning is required add up to 10% water by volume.
- For new cement/masonry substrates, allow to cure for > 4 weeks prior to application.

APPLICATION

- Apply 2-3 even coats using a good quality brush, roller or by spraying with a tip of a diameter 1.4mm or more.
- Do not overbrush. Ensure corners / edges are adequately covered.
- Additional coats should be applied 4-6 hours after the previous application.

ESTIMATED CONSUMPTION

- Up to 400 sq.ft. per gallon, dependent on properties of surface.

SCAN QR CODE TO READ FULL TECHNICAL DATA SHEET BEFORE APPLYING.



SAFETY AND STORAGE

WARNING:

- Use in a well-ventilated area.
- Remove and wash contaminated clothing prior to reuse.
- Wear proper protective gear and clothing, eye or face protection prior to application.

STORAGE & DISPOSAL

- Store indoors in a closed container. Storage temperature should be between +50°F to 95°F (+10°C to +35°C).
- Protect from frost.
- Disposal of container and material safely according to local laws and regulations.

SCAN QR CODE TO READ FULL SAFETY DATA SHEET BEFORE APPLYING.

