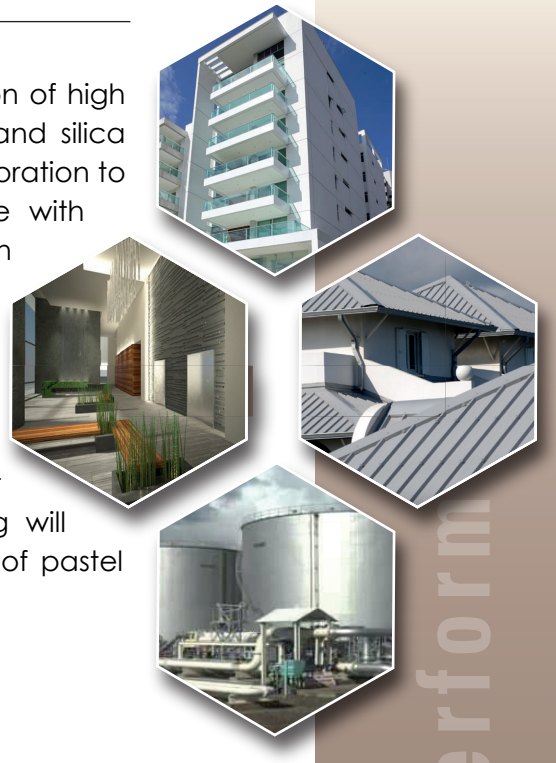
DRYTEX

TEMP. SHIELD

LIQUID THERMAL INSULATION COATING



TEMP SHIELD Elastomeric Radiation Control Coating is an emulsion of high grade acrylic resins in water. It contains high-quality ceramic and silica particles encased in a high-grade latex emulsion. It dries by evaporation to yield a tough, velvety, non-yellowing, water repellent surface with exceptional abrasion resistance and ultra-violet light stability. When applied directly to rust will immediately convert iron oxide to iron phosphate upon contact, preventing further rusting problems. Unlike other coatings, it contains ceramic particles. These particles are the heat dissipating elements in TEMPSHIELD Elastomeric Radiation Control Coating that give it the ability to save on cooling cost. It is applied to yield a tough, water tight membrane. TEMPSHIELD Elastomeric Radiation Control Coating will take all universal tints, but must be restricted to the first shade of pastel colors on any color chart. Please Note: Do not use black pigmentation for tinting.

OUTSTANDING FEATURES

- Temperature reduction of up to 45%
- Reduces roof degradation by up to 80%
- Non-toxic
- Converts rust
- Water Borne Abrasion Resistant
- Energy savings mildew resistant
- Labour, time and cost saving
- Clean up with soap and water
- Waterproofing properties.

ADDITIONAL BENEFITS

- Very high radiant heat reflectivity and very low thermal conductivity to provide wonderful thermal insulation effect.
- Very good sound isolation effect for reduce the sound of raindrop out side.
- Good durability and weatherability.
- Excellent water resistance property to permit no other waterproofing construction.
- Water based and environment friendly contain no heavy metal and other hazardous substances.
- Good adherence to cement, wood, metal, fibre etc. substances.

APPLICATION

Surfaces should be clean, dry and sound. Existing surface dirt, oil, tar, grease and mill film should be removed prior to application of TEMP SHIELD Elastomeric Radiation Control Coating.

engineered to perform

TEMPSHIELD can be applied by airless spray equipment or by brush/roller only. It should be applied evenly without build-up. Multiple coats are recommended, to a total wet film thickness of 300 micron (0.3mm).

TYPICAL PERFORMANCE PROPERTIES

Elongation

242% at 25°C ASTM D-412
220% at 32°C

Tensile Strength

406 P.S.I. at 77 ASTM D-412
339 P.S.I. at 32

Abrasion Resistance

No wear after 450 liters ASTM D-968
Of falling sand

Wind Driven Resistance

No moisture penetration Fedral Spec

After 24 hours		TT-C55
Visual Color	9	ASTM D1729
Chalking	10	ASTM D4214
Checking	10	ASTM D660
Cracking	10	ASTM D661
Blistering	10	ASTM D714
Flaking	10	ASTM D772
Accelerated Weathering		ASTM D4587
1500 Hrs. Pass		

Coverage Chart

Surface	Approx Coverage
Metal	2.0 m^2/Lt
Concrete	2.6 m^2/Lt
Metal Under Skirting	3.5 m^2/Lt

Coverage is based on 1 Litre units and double coat applications. Coverage is approximate for normal substrates. Under irregular conditions more products is require.

PACKING: 19 Litre Pail.

SAFETY & PRECAUTIONS: *Although this is a safe to use product it is recommendedthat you follow good safety and hygiene practices. It is solvent free and contains no VOC's and is consideredsafe to use. Wearing of gloves is recommended and goggles against splashes.Good ventilation is recommended and avoid contact with skin, eyes and mouth. Refer to products Material Safety Data Sheet for full safety data.*

engineered to perform

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