

# TIOCOAT

The coolest roof ever.

## PRODUCT DESCRIPTION

DuROCK TIOCOAT is a bright white, polyurethane modified acrylic elastomeric coating. It is developed for use over existing roofing systems such as single-ply, metal, modified bitumen, built-up (BUR) and concrete for commercial and industrial applications. DuROCK TIOCOAT forms a protective barrier that expands and contracts with varying temperatures. DuROCK TIOCOAT forms a weather resistant membrane that reflects the sun's heat which reduces the interior temperature of buildings. The dirt pick-up resistance technology of the acrylic polymer enhances the reflective properties of the membrane. DuROCK TIOCOAT is an easy to apply roof coating that offers years of durable protection.

## BENEFITS OF ELASTOMERIC ROOF COATINGS

There are many benefits to using DuROCK TIOCOAT Elastomeric Roof Coating. The product applies to a smooth, clean and uniform appearance. It protects the roofing from UV degradation but most importantly it has high reflectivity for energy savings. DuROCK TIOCOAT also has high adhesion to existing asphaltic roof coatings.

## APPLICATION

Before application ensure surface is clean and free of debris, dirt, mildew, chalk and degraded roofing membrane. The surface must be dry and free of all moisture. Do not thin product. Do not apply when temperatures are below 7°C (45°F). Do not apply when coating will be subjected to rain or heavy dew before it has had enough time to dry. Temperature and humidity conditions will affect drying time.

DuROCK TIOCOAT Elastomeric Roof Coating can be applied by brush, roller or spray gun (confirm sprayer gun and tip size with DuROCK representative). Apply coating uniformly ensuring entire surface is coated. Wait 12 hours before applying second coat.

DuROCK TIOCOAT Elastomeric Roof Coating is available in 19L (5 gallon) pails. The weight per pail is 24kg (53lb) covering approximately 300ft<sup>2</sup> at a dry film thickness of 35 mil. Coverage is 2 gallons/100sq.ft. DuROCK TIOCOAT Elastomeric Roof Coating is also available in totes. The weight per tote is 1200kg (2645lbs) covering approximately 20,000ft<sup>2</sup> at a 35mil dry film thickness (in a one coat application).

For the complete specification please consult your DuROCK representative.

Physical Properties	Film Properties
Physical State: Viscous liquid	<i>Mechanical Properties, 75°F (24°C), initial</i>
Colour: White	Tensile Strength, max, PSI: 284
Density: 1.31g/mL	Elongation @ break: 173.5%
Solids by Weight: 63±1%	<i>Mechanical Properties, 0°F (-18°), initial</i>
Solar Reflectivity: 89%	Tensile Strength, max, PSI: 1129
Emissivity: 0.90	Elongation @ break: 46.2%
	Low Temperature Flexibility, -26°C, 1.27cm Mandrel: Pass
	Tear Resistance, kN/m: 22.6
	Accelerated Weathering, 1000hrs Xenon Arc Weatherometer: Pass
	Permeance, ng/(Pa.s.m <sup>2</sup> ), Face down: 394.7
	Tack Free Time, minutes: 60



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