COOLFLEX
WHITE ROOF COATING

PRODUCT DESCRIPTION

DuROCK COOLFLEX is a bright white, polyurethane modified acrylic elastomeric coating. It is developed for use over existing roofing systems such as single-ply, modified bitumen, built-up (BUR) and concrete for commercial and industrial applications. DuROCK COOLFLEX forms a protective barrier that expands and contracts with varying temperatures. DuROCK COOLFLEX 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 COOLFLEX 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 COOLFLEX 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 COOLFLEX 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 7ºC (45ºF). 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.

DuROCKC OOLFLEX 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 6-8 hours before applying second coat.

DuROCK COOLFLEX Elastomeric Roof Coating is available in 19L (5 gallon) pails. The weight per pail is 24kg (53lb) covering approximately 400ft2 at a dry film thickness of 10 mil. DuROCK COOLFLEX Elastomeric Roof Coating is also available in totes. The weight per tote is 1200kg (2645lbs) covering approximately 20 000ft2 at a 10mil 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 Colour: White Density: 1.31g/mL Solids by Weight: 63±1% Solar Reflectivity: 89% Emissivity: 0.90	*Mechanical Properties, 75°F (24°C), initial* Tensile Strength, max, PSI: 284 Elongation @ break: 173.5%
	Mechanical Properties, 0°F (-18°), initial Tensile Strength, max, PSI: 1129 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.m2), Face down: 394.7
	Tack Free Time, minutes: 60

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