

A·R·C·HITECTURAL

ROOF COATINGS

• PRODUCT DATA SHEET

DynaSHIELD WHITE COATING

• DESCRIPTION

DynaSHIELD White Coating is a proprietary blend of polymers. This is an oil-based, VOC compliant product. DynaSHIELD White Coating flashes leaving a non-breathing, heat-reducing, monolithic, Energy Star and CRRC listed coating. It forms a water-repellent surface that easily cleans while resisting microorganisms. Performs under standing water better than all other water-based coatings.

• RECOMMENDED USES

This product may be applied over most roofing materials such as metal, BUR, Modified Asphalt Membranes, and Single-Plies.

• APPLICATION

Roof Insulation and roof surface to be treated must be clean and dry. If necessary, remove all dirt, grease, loose debris and residue before applying. DynaSHIELD White Coating may be applied with a roller, squeegee, brush or sprayer. Apply at the rate of 1 gallon per 100 square feet per pass, depending on the warranty level desired. When applying to thermoplastics, concrete or other masonry surfaces, use a recommended primer. Apply evenly at a surface temperature of 30° F or greater.

• BENEFITS

Energy Savings	Cleans Easily
Fire Resistant	VOC Compliant
Can Be Tinted	Flexible
Prevents Rust	Waterproofs
Freeze Resistant	

• TECHNICAL DATA

TENSILE:	1600 psi ASTM D-2370
ELONGATION:	600 % ASTM D-2370
EMITTANCE:	.90 ASTM C-1371
REFLECTANCE:	.83% ASTM C-1549
COLOR:	White (<i>can be tinted - special order</i>)
PERMEABILITY:	Non-breathing ASTM D-1653
SOLIDS:	Weight 55% +/- 2% ASTM D-1353
SOLIDS:	Volume 49% +/- 2% ASTM D-2697
WEIGHT:	10.0 lbs. per gallon +/- 2%
VISCOSITY:	7,000 to 12,000 cps.
ABRASION:	Passed ASTM D-986
HARDNESS:	55 Shore A ASTM D-2240
STORAGE:	3 years unopened between 40° F - 100° F
DRY TIME:	1 hr. at 75° F and a thickness of 12 wet mils
FULL CURE:	24 - 72 hours depending on humidity, air movement, and temperature
CLEAN-UP:	Biodegradable citrus cleaning products or ARC's Cleaning Solvent for oil-based products
ADHESION:	Pass ASTM D-3359
PIGMENT:	Titanium
FIRE RATING:	Class "A" UL 790

- Avoid breathing fumes and prolonged contact with skin. Do not ingest. Keep containers covered when not in use. When using, provide proper ventilation. Dispose of product and container in accordance with local disposal codes.

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