

A·R·C·HITECTURAL[®]

ROOF COATINGS



MADE IN  THE USA

• **PRODUCT DATA SHEET**

DynaSHIELD[®] WHITE COATING

• **DESCRIPTION**

DynaSHIELD[®] White Coating is a proprietary blend of polymers. This is an oil-based product. DynaSHIELD[®] White Coating flashes leaving a non-breathing, heat-reducing, monolithic, 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. A sustainable cool roof coating.

• **RECOMMENDED USES**

This product may be applied over most roofing materials such as metal, BUR, Modified Asphalt Membranes, concrete, PVC, TPO, EPDM, and etc.

• **APPLICATION**

Roof Insulation and roof surface to be coated must be clean and dry. If necessary, remove all dirt, grease, loose debris and residue before applying. **Do NOT apply over moisture in or on roof deck.** DynaSHIELD[®] White Coating may be applied with a roller, squeegee, brush or sprayer. Apply at the rate of 1-2 gallons 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 35° F or greater.

• **BENEFITS**

Energy Savings	Cleans Easily
Freeze Resistant	Can Be Tinted
Flexible	Prevents Rust
Waterproofs	Nano-processed

• **TECHNICAL DATA**

TENSILE:	1600 psi	ASTM D-2370
ELONGATION:	600 %	ASTM D-2370
EMITTANCE:	.88	ASTM C-1371
REFLECTANCE:	.87%	ASTM C-1549
COLOR:	White (<i>can be tinted - special order</i>)	
PERMEABILITY:	Non-breathing	
SOLIDS:	Weight 50% +/- 2%	ASTM D-1353
SOLIDS:	Volume 37% +/- 2%	ASTM D-2697
WEIGHT:	9.1 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 mil	
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:	Passed ASTM D-3359	
PIGMENT:	Titanium	
VOC:	<548 grams per liter	
FIRE RATING:	Class 'A' in Assembly	

- 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.

**CONSULT ARC TECHNICAL DEPARTMENT
FOR ANSWERS TO ANY QUESTIONS
REGARDING USE OF THIS PRODUCT**

System warranty available. When sold separate from system there is no warranty given, expressed or implied, through the values or statements made here, nor are there any assertions that the product purchased has been individually tested to conform to these standards. Testing is performed on a random basis by our in house and independent third party labs in order to obtain approval and/or classification. Acceptance, purchase and selection of these products are the sole responsibility of the buyer, buyer's agent, or the buyer's customer. ARC assumes no responsibility for coverage, performance, or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER GUARANTY OR WARRANTY OF ANY KIND IS MADE BY ACE ROOF COATINGS, INC. OR ITS SUBSIDIARIES, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING COSMETIC APPEARANCE, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.