

A·R·C·HITECTURAL

ROOF COATINGS



DynaSHIELD WHITE COATING

● PRODUCT DATA SHEET

● 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

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|--------------------|---|-------------|-------------|
| 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 | | ASTM D-1653 |
| 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 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: | 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.