

# A·R·C·HITECTURAL

## ROOF COATINGS

# DynaSHIELD QD WHITE COATING

### • PRODUCT DATA SHEET

#### • DESCRIPTION

DynaSHIELD QD White Coating is a proprietary blend of polymers. This is an oil-based product. DynaSHIELD QD 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 QD 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 |
| Freeze Resistant | Can Be Tinted |
| Flexible         | Prevents Rust |
| Waterproofs      |               |

#### • 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 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:     | Pass ASTM D-3359  |
| PIGMENT:      | Titanium  |
| VOC:          | <548 grams per liter  |

- 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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