

# A·R·C·HITECTURAL®

## ROOF COATINGS



MADE IN  THE USA

### ● **PRODUCT DATA SHEET**

# DynaSHIELD® QD STAIN BLOCKER

#### ● **DESCRIPTION**

DynaSHIELD® QD Stain Blocker is a proprietary blend of polymers. It is an oil-based product. DynaSHIELD® QD Stain Blocker dries by evaporation, leaving a non-breathing, monolithic membrane that stops asphalt bleeding.

#### ● **RECOMMENDED USES**

DynaSHIELD® QD Stain Blocker is used as a blocker/sealer over asphalt products before the white finish coat is applied. It may be applied to metal and thermoplastic membranes. Apply over all cured asphalt-based products.

#### ● **APPLICATION**

Surface to be treated must be clean and dry. **Do NOT apply over moisture in or on roof deck.** For best results, apply with a sprayer at a rate of 1.5 gallons per roofing square and wait 24 hours before applying top coat. Apply evenly at a surface temperature of 35° F or greater. If there is bleed through after the first pass, apply another pass of DynaSHIELD® QD Stain Blocker.

#### ● **BENEFITS**

- Stops Asphalt Bleeding
- Cleans Easily
- Flexible
- Prevents Rust
- Waterproofs
- Freeze Resistant
- Fast Drying
- Nano-processed

#### ● **TECHNICAL DATA**

|               |   |
|---------------|---|
| TENSILE:      | 1600 psi ASTM D-2370  |
| ELONGATION:   | 250 % ASTM D-2370   |
| COLOR:        | Aluminum  |
| PERMEABILITY: | Non-breathing ASTM E-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 9,000 cps.   |
| ABRASION:     | Passed ASTM D-986   |
| HARDNESS:     | 65 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:      | Processes Metal   |
| VOC:          | <541 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.*

**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.