

A·R·C·HITECTURAL[®]

ROOF COATINGS



MADE IN  THE USA

● **PRODUCT DATA SHEET**

DynaSHIELD[®] SEAM SEALER

● **DESCRIPTION**

DynaSHIELD[®] Seam Sealer is a proprietary blend of polymers. This is an oil-based product. DynaSHIELD[®] Seam Sealer flashes leaving a non-breathing, heat-reducing monolithic coating. It forms a water-repellent surface that easily cleans while resisting microorganisms.

● **RECOMMENDED USES**

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

● **APPLICATION**

Surface to be treated 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[®] Seam Sealer may be applied with a brush or extruded. Apply evenly at a surface temperature of 35° F or greater. When applying to thermoplastics, concrete, or other masonry surfaces, use a recommended primer. Warm product to 100° F for application.

● **BENEFITS**

- Easy To Apply
- Cleans Easily
- Long Shelf Life
- Freeze Resistant
- Year Round Usage
- Fast Curing
- Single Component
- Nano-processed

● **TECHNICAL DATA**

TENSILE:	1700 psi ASTM D-2370
ELONGATION:	500% ASTM D-2370
COLOR:	White
PERMEABILITY:	Non-breathing ASTM E-1653
SOLIDS:	Weight 53% +/- 2% ASTM D-1353
SOLIDS:	Volume 41% +/- 2% ASTM D-2697
WEIGHT:	9 lbs. per gallon +/- 2%
VISCOSITY:	80,000 cps @ 100° F
ABRASION:	Passed ASTM D-986
HARDNESS:	68 Shore A ASTM D-2240
STORAGE:	3 years unopened at 40° F - 100° F
DRY TIME:	1 hr. at 75° F and a thickness of 16 wet mils
FULL CURE:	12 - 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
FIRE RATING:	Class 'A' in Assembly
VOC:	<508 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.