

# A·R·C·HITECTURAL<sup>®</sup>

## ROOF COATINGS



MADE IN  THE USA

### ● **PRODUCT DATA SHEET**

## DynaSHIELD<sup>®</sup> RUST INHIBITOR

#### ● **DESCRIPTION**

DynaSHIELD<sup>®</sup> Rust Inhibitor is an oil-based primer that protects metal from rust and corrosion. It is a proprietary blend of polymers which may be applied using a glove, roller, brush, or sprayer. DynaSHIELD<sup>®</sup> Rust Inhibitor forms a water-repellent surface that resists microorganisms, oxidation and dirt build-up once it is cured.

#### ● **RECOMMENDED USES**

DynaSHIELD<sup>®</sup> Rust Inhibitor may be applied to all types of metal.

#### ● **APPLICATION**

Surface must be clean and dry. All dirt and loose surface particles should be removed. **Do NOT apply over moisture in or on roof deck.** Apply at a rate of .50 - 1.00 gallons per 100 square feet per pass - depending on how much rust is present. Can be applied with a sprayer, brush, glove, or roller. Apply evenly at a surface temperature of 35° F or greater.

#### ● **BENEFITS**

- Easy To Apply
- Cleans Easily
- Dries To Solid Finish
- Flexible
- Prevents Rust
- Dries in Humid, Damp Conditions
- Excellent Adhesion
- Freeze Resistant
- Nano-processed

#### ● **TECHNICAL DATA**

FLEXIBILITY:	175 Degree Flex Test ASTM D-2370
COLOR:	Yellow
PERMEABILITY:	Non-breathing ASTM E-1653
SOLIDS:	Weight 41% +/- 2% ASTM D-1353
SOLIDS:	Volume 28% +/- 2% ASTM D-2697
WEIGHT:	8.9 lbs. per gallon +/- 2%
VISCOSITY:	4,000 to 7,000 cps.
ABRASION:	Passed ASTM D-986
HARDNESS:	55 Shore D ASTM D-2240
STORAGE:	3 years unopened at 40° F - 100° F
DRY TIME:	30 min. at 75° F and thickness of 8 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
VOC:	<630 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.