

A·R·C·HITECTURAL[®]

ROOF COATINGS



MADE IN  THE USA

● **PRODUCT DATA SHEET**

DynaSHIELD[®]

Aluminum Coating

● **DESCRIPTION**

DynaSHIELD[®] Aluminum Coating is a solvent type, asphalt based coating that is similar to conventional roof coatings. Manufactured with special blend asphalts, refined oils, mineral stabilizers and reinforced with hi-tech asbestos-free fibers. Aluminum coatings provide a tough continuous coating with extra-long life and good initial brightness. Aluminum pigment gives it a bright, metallic aluminum color when applied on metal, tile, conventional bituminous roof surfaces and modified bitumen. This reflective coating reduces the deteriorating effect of the sun's rays, reduces interior temperature, and protects roof surfaces from excessive weathering.

● **RECOMMENDED USES**

DynaSHIELD[®] Aluminum Coating can be used on old asphalt roofs, smooth or mineral surfaced, silos, metal roofs and siding, water towers, modified bitumen, mobile homes, campers, and RV's. Aluminum coatings can reduce interior temperatures up to 15°F and serve as a rust inhibitor and anti-corrosive agent.

● **APPLICATION**

Surfaces must be dry, and free of dirt, dust, and debris. Dried out roofs should be primed. Repair all cracks, breaks, or open seams. Do not apply when rain appears imminent or less than four hours before surface can be expected to be covered with dew. DynaSHIELD[®] Aluminum Coating is ready to use from the container. Moderate stirring is required to mix pigment. Stir after each application. Apply with roof brush, squeegee, or spray gun. When brushing, brush last strokes all in one direction.

● **RESTRICTIONS**

Do not use on dead level asphalt, tar base, or gravel roofs. Concrete surfaces must be primed. Freshly coated hot bituminous roofs should be allowed to weather at least 3 months. Roofs patched or primed should weather at least 10 days. Modified bitumen roofs should weather 30-90 days before application.

● **TECHNICAL DATA**

REFLECTIVITY:	Initial: .67 ASTM C1549
	Aged: .56 ASTM D1918
EMISSIVITY:	.42 ASTM C1371
SRI:	LEED 65
SOLIDS:	Weight 58% +/- 2% ASTM D-1353
SOLIDS:	Volume 54% +/- 2% ASTM D-2697
WEIGHT:	8.3 lbs. per gallon +/- 2%
VISCOSITY:	4000 - 7000 Brookfield
FLASH POINT:	103° F ASTM D-56
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:	Processed Metal
VOC:	<400 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.