

A·R·C·HITECTURAL[®]

ROOF COATINGS



MADE IN  THE USA

• **PRODUCT DATA SHEET**

HydroSHIELD[™] CERAMIC INSULATING ROOF COAT

• **DESCRIPTION**

HydroSHIELD[™] Ceramic Insulating Roof Coat is a blend of urethane and acrylic resins. It dries by evaporation to yield a non-yellowing, water-repellent surface. HydroSHIELD[™] Ceramic Insulating Roof Coat is UV stable. Unlike other coatings, it contains an added advantage, ceramic particles. These particles are the heat dissipation element that makes this formula unique. HydroSHIELD[™] Ceramic Insulating Roof Coat is Energy Star and CRRC listed. A sustainable cool roof coating.

• **RECOMMENDED USES**

Surface to be treated must be clean. If necessary, remove all dust, grease and loose debris before applying this product. HydroSHIELD[™] Ceramic Insulating Roof Coat may be applied to metal, masonry, wood and most asphalt roof products.

• **APPLICATION**

Please see the specification manual for proper procedures for preparing surfaces prior to application. This product may be applied with a roller, squeegee, brush or sprayer. Apply at the rate of .75 gallon per 100 square feet, per pass.

• **BENEFITS**

Abrasion Resistant	UV Resistant
Non-Yellowing	Flexible
Mildew Resistant	Energy-Saving
Non-Toxic	RE-19
Nano Processed	

• **TECHNICAL DATA**

EMITTANCE:	.91 ASTM C-1371
REFLECTANCE:	.83% ASTM C-1549
FLEXIBILITY:	Passed 180° Mandrel Bend Test ASTM D-3111
HAIL RESISTANCE:	Passed with no fracture of the membrane
WEATHERABILITY:	Passed 2000 hours ASTM E-42 (G-26)
FIRE RESISTANCE:	Class "A" ASTM E-108
FUNGAL RESISTANCE:	Passed ASTM D-3273-73T
ELONGATION:	210% at 70° F ASTM D-882-75B
CLEAN UP:	Biodegradable citrus cleaning products or soap and water
VOC:	<50 grams per liter
WEIGHT:	9.6 lbs. per gallon +/- 2%
SOLIDS (WEIGHT):	56% +/- 2%
SOLIDS (VOLUME):	49% +/- 2%
PERMEABILITY:	4.0 ASTM D61653 @ 9 mils.

- **CAUTION:** High Humidity requires a longer time for water-based coatings to form a film that is rain resistant.

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.