

# A·R·C·HITECTURAL<sup>®</sup>

## ROOF COATINGS



MADE IN  THE USA

### • **PRODUCT DATA SHEET**

## HydroSHIELD<sup>™</sup> PREMIUM WHITE

#### • **DESCRIPTION**

HydroSHIELD<sup>™</sup> Premium White is a blend of urethane and acrylic resins. It dries by evaporation to yield a non-yellowing, water-repellent surface. HydroSHIELD<sup>™</sup> Premium White is UV stable, and has exceptional abrasion resistance. A sustainable cool roof coating.

#### • **RECOMMENDED USES**

HydroSHIELD<sup>™</sup> Premium White can be applied to surfaces such as metal, masonry, and wood after following preparation procedures.

#### • **APPLICATION**

Surface to be treated must be clean. If necessary, remove all dust, grease and loose debris before applying this product. Apply with a brush, roller, or sprayer at a rate of 1 - 2 gallons per 100 square feet per pass. Apply at 50° F and rising.

#### • **BENEFITS**

Mildew Resistant	Non-Toxic
Flexible	Easy Clean Up
Non-Yellowing	Abrasion Resistant
Energy Saving	Nano-processed
Waterproof	

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

#### • **TECHNICAL DATA**

EMITTANCE:	.90 ASTM C-1371
REFLECTANCE:	.78 ASTM C-1549
FLEXIBILITY:	Passed 180° Mandrel Bend Test ASTM D-822
HAIL RESISTANCE:	Passed with no fracture of the membrane
WEATHERABILITY:	Passed 4000 hours ASTM G-53
FIRE RESISTANCE:	Class "A" in Assembly
FUNGAL RESISTANCE:	Passed ASTM D-3273-73T
ELONGATION:	250-300% at 70° F ASTM 2370
CLEAN UP:	Biodegradable citrus cleaning products or soap and water
TENSILE:	380 psi ASTM D-2370
PERMEABILITY:	2.8 perms @ 30 mils ASTMD E-1653
SOLIDS BY WEIGHT:	68% +/- 2% ASTM D-1644
SOLIDS BY VOLUME:	58% +/- 2% ASTM D-2697
VOC:	<50 grams per liter
WEIGHT:	12.3 lbs. per gallon +/- 5%
VISCOSITY:	6,000 - 10,000 cps

- 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.