

A·R·C·HITECTURAL

ROOF COATINGS



• **PRODUCT DATA SHEET**

HydroSHIELD VALUE WHITE

• **DESCRIPTION**

HydroSHIELD Value White roof coating is an acrylic elastomeric. It dries by evaporation to yield a non- yellowing, water- repellent surface. HydroSHIELD Value White is UV stable, and has exceptional abrasion resistance. This formula provides solar reflectivity and better performance over other reflective roof coatings. A sustainable cool roof coating.

• **RECOMMENDED USES**

HydroSHIELD Value White can be applied to surfaces such as metal, masonry, and wood after applying HydroSHIELD HP Acrylic Primer or HydroSHIELD Gray Base.

• **APPLICATION**

Surface to be treated must be clean and dry. If necessary, remove all dust, grease and loose debris before applying this product. Apply with a brush, roller, or sprayer at a rate of 1.00 gallon per 100 square feet per pass. Apply in two coats. Use more over rough surfaces. Apply at 50o F and rising.

• **BENEFITS**

Mildew Resistant	Non-Toxic
Flexible	Easy Clean Up
No Primer Needed	Abrasion Resistant
Energy Saving	Lowers Roof and Interior
Waterproof	Temperatures
Nano-processed	

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

• **TECHNICAL DATA**

COLOR:	White
SOLOR REFLECTANT INDEX:	.97 ASTM E-1980
SOLOR REFLECTANCE:	.78 ASTM C-1549
THERMAL EMITTANCE:	.90 ASTM C-1371
FLEXIBILITY:	Passed 180° Mandrel Bend Test ASTM D-822
4DAA=8, 7>6 H,E5AE,FK,	22,000 cps not to exceed 28,000 cps
WEATHERABILITY:	Passed 4000 hours ASTM G-53
FIRE RESISTANCE:	Class "A" ASTM E-108
FUNGAL RESISTANCE:	Passed ASTM D-3273-73T
ELONGATION:	100% minimum ASTM 2370
CLEAN UP:	Biodegradable citrus cleaning products or soap and water
TENSILE:	300 psi minimum ASTM D-2370
PERMEABILITY:	< 7 perms ASTM E-96
WATER ABSORPTION:	< 9% ASTM D-471
SOLIDS BY WEIGHT:	60% +/- 2% ASTM D-1644
SOLIDS BY VOLUME:	50% +/- 2% ASTM D-2697
VOC:	<50 grams per liter
WEIGHT:	11.9 lbs./gal. +/- 2%

- *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.