

A·R·C·HITECTURAL[®]

ROOF COATINGS



MADE IN  THE USA

● **PRODUCT DATA SHEET**

HydroSHIELD[™] GRAY BASE

● **DESCRIPTION**

HydroSHIELD[™] Gray Base is a water-based elastomeric acrylic resin. It dries by evaporation to yield a non-yellowing, water-repellent surface. HydroSHIELD[™] Gray Base is UV stable, and has exceptional abrasion resistance. Improves adhesion of the top coat coating.

● **RECOMMENDED USES**

HydroSHIELD[™] Gray Base can be applied to surfaces such as metal, masonry, wood, TPO, PVC and 100% cured asphalt surfaces. Consult ARC technical department for cure times before applying coating over concrete, PVC, or TPO.

● **APPLICATION**

Surface to be coated 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 - 1.5 gallons per 100 square feet per pass. Allow first coat to dry (enough to walk on) before applying the second coat or top coat. Apply at 50° F and rising.

● **BENEFITS**

Mildew Resistant	Non-Toxic
Flexible	Easy Clean Up
Non-Yellowing	Abrasion Resistant
Breathes	Prevents Bleed Through
Waterproof	Builds film thickness to protect the roof
Nano-processed	

● **TECHNICAL DATA**

COLOR:	Soft Gray
HARDNESS:	65 to 70 Shore A
FLEXIBILITY:	Passed 180° Mandrel Bend Test ASTM D-822
WEATHERABILITY:	Passed 4000 hours ASTM G-53
FIRE RESISTANCE:	Class "A" ASTM E-108
FUNGAL RESISTANCE:	Passed ASTM D-3273-73T
ELONGATION:	230% +/- 2% ASTM 2370
CLEAN UP:	Biodegradable citrus cleaning products or soap and water
TENSILE:	185 psi ASTM D-2370 min.
PERMEABILITY:	2.8 perms @ 30 mils ASTM D E-1653
SOLIDS BY WEIGHT:	67% +/- 2% ASTM D-1644
SOLIDS BY VOLUME:	53% +/- 2% ASTM D-2697
VOC:	<50 grams per liter
WEIGHT:	12.1 lbs. per gallon

- **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.