

A·R·C·HITECTURAL

ROOF COATINGS

HydroSHIELD TC 2000

● PRODUCT DATA SHEET

● DESCRIPTION

HydroSHIELD TC 2000 is a proprietary blend of polymers using water as its transportation vehicle. It dries by evaporation, leaving behind a breathing membrane. Its liquid viscosity allows it to saturate polyester sheets and adheres polyester to the substrate within hours.

● RECOMMENDED USES

HydroSHIELD TC 2000 may be applied to metal, glass, and thermoplastic membranes, concrete, stucco and other masonry surfaces. Use HydroSHIELD TC 2000 to adhere polyester plies to old roofing materials and/or as a base coat for both DynaSHIELD Aluminum or DynaSHIELD White coatings.

● APPLICATION

HydroSHIELD TC 2000 may be applied with a roller, squeegee, brush, or broom. Apply to surfaces that are clean and dry. Remove all dirt, grease, asphalt, loose particles, and residues before applying. Apply evenly at a surface temperature of 45° F or greater.

● BENEFITS

Cleans Easily	Fire Resistant
VOC Compliant	Stain Resistant
Flexible	Prevents Rust
Waterproofs	

- *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.*

● TECHNICAL DATA

TENSILE:	900 psi ASTM D-2370
ELONGATION:	400 % ASTM D-2370
COLOR:	Dark Gray or Blue
PERMEABILITY:	Breathing ASTM E-1653
SOLIDS:	Weight 50% +/- 2% ASTM D-1353
SOLIDS:	Volume 41% +/- 2% ASTM D-2697
WEIGHT:	9.5 lbs. per gallon +/- 2%
VISCOSITY:	4,000 to 7,000 cps.
ABRASION:	Passed ASTM D-986
HARDNESS:	60 Shore A ASTM D-2240
STORAGE:	1 year unopened between 50° F - 100° F
DRY TIME:	1 hr. at 75° F and a thickness of 16 wet mils
FULL CURE:	72 hours depending on humidity, air movement, and temperature
CLEAN-UP:	Biodegradable Citrus Cleaning Products and/or soap and water
ADHESION:	Pass ASTM D-3359
PIGMENT:	Carbon Black/Blue
FIRE RATING:	Non-Combustible

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

DISTRIBUTED BY:

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 ROOF COATINGS, INC. OR ITS SUBSIDIARIES, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.