

A·R·C·HITECTURAL[®]

ROOF COATINGS



MADE IN  THE USA

● PRODUCT DATA SHEET

HydroSHIELD™ T₂S PREMIUM

DESCRIPTION

HydroSHIELD™ T2S Premium is a water based acrylic designed to be used with HydroSHIELD™ T2S Activator. This acrylic coating may be dried by Activator or ambient temperature through evaporation of water to a non- yellowing, water- repellent surface. HydroSHIELD™ T2S Premium is UV stable, and has the unique property to form a dry film surface within minutes of application of HydroSHIELD™ T2S Activator. A sustainable cool roof coating.

RECOMMENDED USES

HydroSHIELD™ T2S Premium can be applied to slope roof surfaces such as metal, single ply membranes (PVC, TPO, concrete, Hypalon, SBS Smooth, or granule rolled modified plies) and over ARC primers after following preparation procedures. Gently rinse between coats with water if no rain.

APPLICATION

Surface to be treated must be clean. If necessary, remove all dust, grease and loose debris before applying this product. When using HydroSHIELD™ T2S Premium spray apply at a rate of 1.5 to 2 gallon per 100 square feet per pass. Multiple passes may be applied waiting 2 hours between applications when HydroSHIELD™ T2S Activator is utilized. Gently rinse with water between coats if it doesn't rain.

BENEFITS

Increases Productivity	Non-Toxic
Flexible	Easy Clean Up
Non- Yellowing	Activator Quick Set
Energy Saving	Prevents Rust
Waterproof	Extends Workday
Nano-processed	Resists Rain with activator

TECHNICAL DATA

COLOR:	White
EMITTANCE:	.91 ASTM C-1371
REFLECTANCE:	.80 ASTM C-1549
FLEXIBILITY:	Passed 180° Mandrel Bend Test ASTM D-822
VISCOSITY:	6000 - 10,000 cps +/- 5%
WEATHERABILITY:	Passed 4000 Hours ASTM G-53
FIRE RESISTANCE:	Class "A" ASTM E-108
FUNGAL RESISTANCE:	Passed ASTM D-3273-73T
ELONGATION:	600% at 70° F ASTM 2370
with CATALYST:	325% at 70° F ASTM 2370
CLEAN UP:	Soap and water
TENSILE:	250 psi ASTM D-2370
with ACTIVATOR:	300 psi ASTM D-2370
PERMEABILITY:	2.5 perms ASTM D-1653A
with ACTIVATOR:	6.3 perms ASTM D-1653A
SOLIDS BY WEIGHT:	71% +/- 5% ASTM D- 1644
SOLIDS BY VOLUME:	61% +/- 5% ASTM D- 2697
VOC:	<50 grams per liter
WEIGHT:	12.5 lbs. per gallon +/- 5%

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.

CAUTION: Without Activator high humidity requires a longer time for water-based coatings to form a film that is rain resistant.

T2S "Technology - Two Step" permits ARC coating to be applied over moisture, damp or dew surfaces without permitting cold wall blistering as well as develops a rain/wash-off resistance within 5 minutes. Second pass of ARC coating can be applied in less than 2 hours. Gently rinse with water between coats if it doesn't rain.

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.