

A·R·C·HITECTURAL

ROOF COATINGS

● PRODUCT DATA SHEET

HydroSHIELD T₂S PREMIUM

DESCRIPTION

HydroSHIELD T2S Premium is a water based acrylic designed to be used with HydroSHIELD Quick Set Catalyst. This acrylic coating may be dried by catalyst 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 Quick Set Catalyst.

RECOMMENDED USES

HydroSHIELD T2S Premium can be applied to slope roof surfaces such as metal, single ply membranes (PVC, TPO, Hypalon, SBS Smooth, or granule rolled modified plies) and over ARC primers 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. 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 T2S catalyst is utilized.

BENEFITS

Increases Productivity	Non-Toxic
Flexible	Easy Clean Up
Non- Yellowing	Catalyst Quick Set
Energy Saving	Prevents Rust
Waterproof	Extends Workday
	Reststs Rain

TECHNICAL DATA

COLOR:	White
EMITTANCE:	.91 ASTM C-1371
REFLECTANCE:	.80%
FLEXIBILITY:	Passed 180° Mandrel Bend Test ASTM D-822
VISCOSITY:	8000 - 16000 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 CATALYST:	300 psi ASTM D-2370
PERMEABILITY:	2.5 perms ASTM D-1653A
with CATALYST:	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%

CAUTION: Without Catalyst 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/washoff resistance within 5 minutes. Second pass of ARC coating can be applied in less than 2 hours.

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