

PRODUCT DATA & TECHNICAL DATA



SDS

Fusion-X Crosslinking Technology

DESCRIPTION AcryLabs Fusion-X is a water based acrylic polymer product infused with Silicone polymer for advanced standing water resistance. It can be applied over the AcryLabs Base System and/or AcryLabs Finish Coats in areas that are prone to long term standing water. Note: NRCA recommends all roofs have positive drainage. Fusion-X formulation is engineered to perform well under normal foot traffic while providing a seamless and waterproof membrane.

APPLICATION Fusion-X can be brush, roll or spray applied. Allow to dry before recoating. For best results apply Fusion-X when the surface temperature is 40°F and rising.

SURFACE PREP Substrate should be clean and dry. Rusty metal surfaces require AcryLabs Metal Prep.

PACKAGING Fusion-X is available in AcryLabs White and Aluminum Gray. Fusion-X is available in 2 and 5 gallon plastic containers.

COVERAGE 1 gal/100 SF will achieve 10 dry mils per coat. Two coat minimum is required.

DRYING TIME Varies depending on weather factors. Recommended to accept foot traffic before re-coating.

CLEAN-UP Water

WARRANTY Limited to replacement of product.

PROPERTY	RESULT	TEST METHOD
% SOLIDS BY VOLUME	70.0 ± 2%	ASTM D-1653
% SOLIDS BY WEIGHT	66.0 ± 2%	ASTM D-1644
LOW TEMPERATURE FLEXIBILITY	Mandrel bend @ -49°F	ASTM D-522
TENSILE STRENGTH	550 ± 50 PSI	ASTM D-2370
ELONGATION	525 ± 25%	ASTM D-2370
PERMEABILITY	<10 ±3 PERMS	ASTM D-1653
VOC	<50 g Liter	ASTM D-3960-01
VISCOSITY	120-135 KU	ASTM D562-01
FLASHPOINT	None	
PH	9.0 - 9.6	ASTM E70-97
PIGMENT VOLUME	43.0%	
WEIGHT PER GALLON	11.9 LBS	ASTM D-1475-90

Meets and exceeds ASTM D6083 requirements.



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