



ACRYLIC COATINGS

2100F Fire Rated Acrylic

PRODUCT DATA

2100F is a water born 100% acrylic coating for the construction market. Utilizing advanced technology the **2100F** is formulated for maximum adhesion to asphalt, metal, modified bitumen, concrete, wood, EPDM, PUF, and most single ply membrane systems.

2100F utilizes aluminatrihydrate that provides fire retardant properties and cures to a strong durable finish that is easily maintained. **2100F** is the base coat and finish coat for ACRYLAB FIRE RATED ROOF SYSTEMS.

2100F is available in gray and white.

Application: can be brushed, rolled or sprayed. Final thickness of **2100F** will vary depending on surface conditions (porosity, etc.). A uniform dry film thickness of 12 mils (DFT) is suggested to maintain a pinhole free membrane. Allow two to four hours between coats.

2100F is available in 1, 5, and 55 gallon plastic containers.

For more detailed instructions refer to our Installation Guide or consult ACRYLABS, INC. technical department.



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2100F TECHNICAL DATA

TYPICAL PROPERTIES

WEIGHT PER GALLON	12.1 LBS.	ASTM D1475-90
% SOLIDS BY WEIGHT	66.9	ASTM D2369-97
% SOLIDS BY VOLUME	51.5	ASTM D2697-86
PIGMENT VOLUME	45.0%	
VISCOSITY	100-120 Ku	ASTM D562-01
V.O.C.	<100 g/l	ASTM D3960-01
PH	9.0-9.6	ASTM E70-97
FLASH POINT	N/A	

TYPICAL PROPERTIES (20 mil DFT)

LOW TEMPERATURE FLEXIBILITY	Passes 1/8" mandrel bend @ -15 Degrees	ASTM C-734
ELONGATION AT MAX STRESS	180% @ 74F 60% @ 0F	ASTM D-412
ELONGATION AT BREAK	220% @ 74F 80% @ 0F	ASTM D-412
TENSILE STRENGTH AT MAX STRESS	300psi @ 74F 1065psi @ 0F	ASTM D-412
TENSILE STRENGTH AT BREAK	300psi @ 74F 1065psi @ 0F	ASTM D-412
RECOVERY AFTER 25% ELONGATION	55%	ASTM D-412
PERMEABILITY (20MILS)	<20 PERMS	ASTM E96-80
ACCELERATED WEATHERING	NO EFFECT 2 YEARS WEATHEROMETER	ASTM G-53

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