

Spec/Data

MS1900, MS2100, MS2200, MS2300

Modified SEBS Liquid Membrane

Product Information

Adurel MS1900, MS2100, MS2200, MS2300 are a modified thermoplastic SEBS liquid membrane with ultra-low permeability for exceptional resistance to ponding water and the elements. Suitable for rainwater catchment under NSF 151 protocol.

Recommended Uses

Metal roofs Ductwork
Single plies Waterproofing
Barn roofs Trailers
Shipping containers Roofing – includes rainwater catchment

Product Characteristics

Finish: Satin Gloss

VOC (EPA method 24): < 550 g / l

Colors: MS1900 Black
 MS2100 Light Gray
 MS2200 White
 MS2300 Silver

Drying Schedule @ 24.0 mils wet @ 50% RH:

	<u>50°F</u>	<u>77°F</u>	<u>100°F</u>
To Touch	4 hrs.	2 hrs.	1 hr.
Tack Free	24 hrs.	9 hrs.	6 hrs.
To Recoat	24 hrs.	9 hrs.	6 hrs.
To Cure	48 hrs.	12 hrs.	10 hrs.

Drying time is temperature, humidity, and film-thickness dependent.

Cleanup: Mineral Spirits or Xylene

Shelf Life: 12 months min. Keep from freezing.

Rainwater Catchment Requirements

Dry film requires 72 hours minimum for volatile solvent dissipation for every 16 wet mil application at 72°F before rainwater catchment. System must be rinsed with CC400 or approved cleaner followed by clean water after curing. Meets NSF 151 protocol for health effects from rainwater catchment system components. Cured film will not leach toxic materials or affect sewage treatment beneficial microbial growth.

Ordering Information

<u>Container Size</u>	<u>Weight</u>	<u>Class</u>
5-gallon pail	46 lbs.	55
55-gallon pail	506 lbs.	55

D.O.T. Not Regulated

HMIS: Health 2, Flammability 2, Reactivity 0, Protection H

Performance Characteristics

Physical Property	ASTM	Value
Tensile Strength	D-412	700 psi
Elongation	D-412	500%
Permeability	D-398	.20 perms at 20 mils
Durameter Hardness	D-2240	50 Shore A
Solids Content by Weight	D-1353	45%
Flash Point	D-1310	None to 100°F
Tear Resistance	D-1004	30 psi
Water Toxicity EPA Standards	NSF P151	Nontoxic
UV Resistance FM Testing	1000 hrs.	No cracking or splitting
Roof Waterproofing FM Testing	25 pressure cycles @ 1 psig to ambient	No leaks or failure
Foot Traffic FM Testing	5–200 lb. cycles	No cracking, splitting, or surface failure
Hail – Post-UV FM Testing	10 drops	No effect
Wind Uplift Rating – FM Tested	I-990	Exceeds testing capacity – highest possible rating
Fire Rating – NC FM & UL	E-108-FM UL 790	Class A Class A File #R25716

Application Information

Procedures

Brush

Use nylon or polyester brushes.

Rollers

Use 1/2"-1 1/2" nap high-grade synthetic heads with phenolic cores.

Squeegees

Use neoprene chemical resistant serrated squeegees.
3/16th for 2 gal. / sq. and 1/8 for 1.5 gal. / sq.

Performance Tips

Adurel SEBS coatings stiffen in cold weather. Material can be heated before use to 120°F. This will greatly loosen material and quicken curing.

Ventilation

Material has solvent odor that has to be taken into consideration when working near HVAC intakes, etc.

Manufactured by

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