



ALSAN MBSP CLEAR

Alsan MBSP Clear

Order No. L-MBSP08

DESCRIPTION & APPLICATION

Alsan MBSP Clear is a flexible, high performance, watertight, puncture and UV resistant ready to use one-component resin used in special applications where a clear membrane is required, including glass and translucent panels on metal buildings.

COLOR:

Alsan MBSP Clear is supplied in a clear liquid.

PACKAGING:

Alsan MBSP Clear is supplied in a resealable five gallon cans.

STORAGE:

Shelf life: 12 months in original unopened containers. Always store closed containers in cool, ventilated and dry location away from heat and oxidizing agents. Do not store in direct sunlight or in temperatures below 32°F (0°C) or above 77°F (25°C). Storing the containers above the recommended temperature may reduce the product's shelf life. The resin may polymerize at temperatures above 140°F (60°C). Avoid direct sunlight and heat source when storing products on project site.

HANDLING:

Always use caution when handling the products. Do not smoke. Keep away from open flame, fire or any ignition source. Avoid skin and eye contact with this product. Cured product may be disposed of in standard landfills. Uncured product is considered a hazardous material and must be handled as such, in accordance with local, state and federal regulations. Workers must wear long sleeved shirts, long pants, work boots and use only butyl rubber or nitrile gloves when working with the product. Safety glasses with side shields are required for eye protection. Use of NOISH approved respirator is required if the airborne concentration exceeds recommended limits. For more information, refer to instruction on the label of the can and to relevant Material Safety Data Sheet (MSDS).

MIXING:

Thoroughly mix the entire drum of resin for 2-3 minutes before each use.

APPLICATION:

After mixing, apply resin to clean and prepared substrate at the required consumption using Soprema rollers, brushes, notched squeegee or spray rig. The liquid should be spread evenly onto the surface. See individual system specifications for specific guidelines regarding application of primer, membrane, topcoat and/or slip-resistant protective surfacing.



TECHNICAL INFORMATION

COVERAGE RATES		
Single ply application (two coats)	0.015 gal/sf (1.5 gal/sq)	21-23 mils cured thickness
Metal application (two coats)	0.015 gal/sf (1.5 gal/sq)	21-23 mils cured thickness

See recommendations for specific applications. Yields will vary depending upon substrate condition.

SET TIMES AT AMBIENT TEMPERATURE OF 68°F	
Pot life:	20 minutes
Rain proof after:	50 minutes
Set time / walked on / next layer:	90 minutes
Fully cured:	2 hours

Pot life is dependent on ambient temperatures and will be reduced at higher temperatures. Minimum set times are approximate and may vary. Actual set times and cure times should be established in the field, based on actual field conditions.

PHYSICAL PROPERTIES		
	ASTM test method	Results/units
Physical state	-	Viscous liquid
Color	-	Clear
Viscosity	D 2196-05	3000 ± 500 cP
Drying time	D 1640-95	1 to 4 hours
Tear resistance	D 624-00	> 295 lbf/in
Density at 77°F	D 1475-98	9.81 lb/gal
Elongation	D 412-98a	>1200%
Tensile strength	D 412-98a	silver - 397 psi White - 392 psi
Odor	-	Low aromatic
Low Temperature Flex	D 903	Pass @ -25°C
Adhesion to Galvanized Steel	D 903	0.861 pli
Adhesion to Concrete	D 903	4.627 pli
Adhesion to EPDM	D 903	2.480 pli
Adhesion to Plywood	D 903	4.376 pli
Adhesion to Mod. Bit SBS Smooth	D 903	2.914 pli
Adhesion to BUR	D 903	1.490 pli
Low Temperature Flex and Crack Bridging	C 836	Pass
Resistance to Fungus	G 21	Pass