



ACRYMAX® HP-1000

General

Product Description: Standard elastomeric acrylic coating
 Colors: Reflective white, standard, and custom colors

Typical Physical Properties (Liquid Coating)

Weight per Gallon	12.1 lbs.	ASTM D-1475
% Solids by Weight	66.9	ASTM D-2369
% Solids by Volume	50.8	ASTM D-2697
Viscosity	95-110 kU	ASTM D-562
Dry time	< 1 hr. set to touch, < 24 hr. complete	ASTM D-1640
V.O.C.	< 100 g/l	
pH	9 - 9.5	

Typical Physical Properties (Cured film)

Low temperature flexibility	Passes 1/8" mandrel bend @ -15°	ASTM C-734
Elongation at break	240% @ 74° F 80% @ 0° F	ASTM D-412
Tensile Strength at break	165psi @ 74° F 660 psi @ 0° F	ASTM D-412
Permeability (20 mil film)	<20 perms	ASTM E96-80
Water swelling	<20%	ASTM D-471
Accelerated Weathering	no effect after 2 years weatherometer	ASTM G-53
Gloss	Flat	
Ozone Degradation	No effect	ASTM D-1149
Fungus resistance	No growth	Fed Std 141C, Method 6271.2

Application

Application method	Brush, roller, or spray.
Theoretical Coverage @ 1 Dry Mil	833 sq.ft. = 8.33 mils/gallon/100 sq.ft.
Surface temperature at application	50° F minimum 95° F maximum
Field Dry Time	Temperature, direct sunlight, air movement, relative humidity, dew point, thickness of applied coating, and other factors all influence dry time so actual time to dry may vary considerably. Allow 2 hours between coats.
Clean-up	With water, if done before coating dries.
Recommended Primer	Depends on substrate and use. Consult Preservation Products.

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