

Pro-White is a premium grade 100% acrylic elastomeric water-based high tensile coating designed specifically for use over new polyurethane foam roofing systems. This durable 100% high tensile acrylic coating combines abrasion and hail resistance along with excellent dirt pick-up resistance, outstanding adhesion, weatherability, ultraviolet and good ponded water resistance over sprayed-in-place polyurethane foam surfaces.

Properties	Test Method	Typical Value
Viscosity (CPS)	Brookfield LVT #4 @ 60 rpm	6500-7500
Solids by Volume (%)	ASTM D-2697	55% +/- 2%
Solids by Weight (%)	ASTM D-1644	63% +/- 2%
Elongation (%)	ASTM D 2370	400%
Tensile (psi)	ASTM D 2370	500 psi
Permeance @ 20 mils	ASTM D 1653	11.0 perms
Water Swelling	ASTM D 471	15%
Accelerated Weathering 1000 hour	ASTM D 4798	No cracking or checking
Adhesion	ASTM C 794	3.5 pli
Tear Resistance	ASTM D 624	142 lbf/in
Low Temp Flexibility	ASTM D 522	½ Mandrel Pass
Solar Reflectance	ASTM C 1549	87%
Thermal Emittance	ASTM C 1371	0.89
Weight Per Gallon	ASTM D-1475	11 lbs
Coverage (mils/100sf/gal)		8.48 Dry Mils/ 16 wet Mils
Clean-up		Water
Re-Coat Time (hrs)		Normally 2-8 hrs
SRI (Solar Reflectance Index)	ASTM E-1980	108 initial, 102 aged

Note: The above values are average values obtained from a lab and should serve only as a guide.

Basic Uses:

Pro-White is not only effective for use over new polyurethane foam but can also be utilized for recoating applications over previously coating roofing substrates. Pro-White can also be successfully used over new or existing smooth surfaced or granulated built-up, modified bitumen roofing systems, as well as metal and single ply membranes. Refer to Pro-Tech Products technical department for more information.

Packaging and Mixing:

Pro-White does not require thinning and is available in 55-gallon drums and 275 gallon totes in standard gray, tan and white. Six custom colors available upon request, consult Pro-Tech Products for more information and availability. It is recommended to thoroughly mix all material prior to use utilizing an appropriate mixing blade.

Installation:

Pro-White can be spray applied using airless spray equipment, or heavy nap roller for smaller areas. Spray application is the preferred method of application to achieve consistency and uniform film build. All surfaces shall be clean, dry and free of all dirt, grease, oil and other contaminants that could interfere with proper adhesion to the roofing substrate.

Apply Pro-White in two or more separate applications in a cross-hatch method utilizing contrasting colors at the maximum rate of 1.5-1.75 gallons per 100 square feet of surface area per coat. Pro-White applied at the rate of 1 gallon per 100 square feet will theoretically yield 8.48 dry mils. This theoretical coverage is based upon smooth nonporous surface; it is the sole responsibility of the coating applicator to apply sufficient material to achieve the required dry film thickness specified for any given project. Pro-White shall always be applied at temperatures of 50 degrees and rising and when weather conditions will permit drying before rain, dew or freezing temperatures occur.

Ratings:



As to an external fire; exposure only. 13 PK