



Ultrashield Technical Data Sheet



Product Description:

Ultrashield Topcoat is a cost effective co-polymer acrylic elastomeric water-based coating designed for use over various new and existing roofing substrates. This low cost alternative elastomeric coating is a durable, yet ultraviolet resistant topcoat with good weatherability.

Basic Uses:

Ultrashield Topcoat can be used over smooth or granulated built-up, modified bitumen, metal, and single ply membranes as well as previously coated roofing substrates. Refer to Pro-Tech Products technical department for more information on the appropriate primers required when applying Ultrashield Topcoat over the above mentioned roofing surfaces.

Packaging and Mixing:

Ultrashield Topcoat does not require thinning prior to use and is available in 5 gallon pails, 55 gallon drums, and 275 gallon totes in standard gray, tan, and white. It is recommended to thoroughly mix all material prior to use utilizing an appropriate mixing blade.

Technical Data

Properties	Test Method	Typical Value
Viscosity (CPS)	Brookfield, LVT# 4 @ 60rpm	7500- 8500
Solids by Volume (%)	ASTM D-2697	54% +/- 2%
Solids by Weight (%)	ASTM D-1644	65% +/- 2%
Weight per Gallon	ASTM D-1475	11.5
Coverage (Mils/ 100sf/ Gal)		8.64 Dry Mils/16 Wet mils
Clean-Up		Water
Re-Coat Times (hrs.)		Normally 2-8 hours
Elongation (%)	ASTM D-2370	200%
Tensile Strength (psi)	ASTM D-2370	200psi

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

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Installation:

Ultrashield Topcoat can be spray applied using airless spray equipment, or a heavy nap roller for smaller areas. Spray application is the preferred method for applications in a cross hatch method utilizing contrasting colors to achieve consistency and uniform film build. All surfaces shall be clean, dry and free of all dirt, grease, oil, and other surface contaminants that could interfere with proper adhesion to the roofing substrate.

Apply Ultrashield Topcoat in two or more separate applications in a cross hatch method utilizing contrasting colors at the maximum rate of 1.25-1.50 gallons per sq. ft. of surface area per coat. Ultrashield Topcoat applied at the rate of 1 gallon per 100 sq. ft. will theoretically yield 8.64 dry mills. This theoretical coverage is based upon smooth nonporous surface, it is the sole responsibility of the coating applicator to apply sufficient material to be applied at temperatures of 50 degrees and rising and when weather conditions will permit drying before rain, dew or freezing temperatures occur.

Warranty:

No Specific warranties implied.

Maintenance:

Periodic maintenance of Pro-Tech Products coating and roofing systems ensures extended performance and reduces life cycle costs.

Technical Services:

Additional information, product brochures, and guide specifications are available. Customized application instructions are also available from our technical experts.

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