



TECHNICAL DATA SHEET

CLEAR COTE™ POLY-U-FOAM™

4 lb. Urethane Foam System

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DESCRIPTION:

CLEAR COTE™ 4 lb. Urethane Foam System is a high quality Polyol - Isocyanate, “foam in place” system with a free rise density of approximately 4 pounds per cubic foot. This system features a convenient easy to use 1 to 1, by volume mix ratio (100 parts A side to 89 parts B side by weight). Product rapidly expands to a rigid closed cell foam that is perfect for structural applications, molded trim, plagues, art frames, taxidermy, and void-fill flotation applications.

	A side (Isocyanate)	B side (Polyol)
Viscosity	300 cps	1500 cps
Specific Gravity	1.25	1.08
Color	Dark Brown	Amber

Mix Ratio	1 to 1 by Volume
Mix Time	20 sec.
Cream Time (all values at 77 F)	40 to 60 sec.
Rise Time	5 min
Tack Free Time	6 min.
Free Rise Density	4 +/- .2 pounds
Molded Density	6 to 15 pounds
Linear Expansion ASTM D-696	7.37/ degree C
K factor ASTM C-518	.16 BTU /hr, ft sq, degree F
Water Vapor Perm. ASTM C-355	TBD
Water Absorption ASTM-2842	TBD

	Parallel to Rise column	Perpendicular to Rise column
Comp. Strength ASTM D-1621	40.3 psi	33 psi
Comp. Modulus ASTM D-1621	1036 psi	728 psi
Flexural Strength ASTM D-790	106 psi	110 psi
Shear Strength ASTM C-273	37 psi	34 psi

Use adequate ventilation and protection from eye and skin exposure. Any information supplied with this material is given in good faith but should be verified by the end user, as is the suitability of the material for their application. The warranty of this material shall be limited to the replacement of defective material.