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ER2107 Fast Set Epoxy System

Versabond **ER2107** Epoxy System is a "5 Minute" two component structural epoxy adhesive system used for laminating, bonding and repairing items such as cold rolled steel (CRS), expanded polystyrene bead board, most thermoplastics, aluminum, lauan, Melamine/Formica, Masonite, and plywood. Versabond **ER2107** is a 100% solids product containing no volatile solvent which might prove irritating to employees. Versabond **ER2107** can be applied manually when made up in small batches or with a meter/mix applicator. Because of the fast set time of the product, it is recommended for structural tacking applications where welding or riveting is impractical. This product may contain fillers that may settle over time. Product may need to be stirred before using. Customer must determine suitability of product before using. [Also available in Black.]

Typical Parameters:

Mixed Color:	Amber
Color of Component A:	Clear
Color of Component B:	Amber
Mix Ratio:	1:1 by weight or volume
Solids Content:	100% [No solvents.]
Gel Time, 100 Gram Mass at 75° F:	5 minutes
Thin Film Set Time at 75° F:	4 - 6 minutes
Mixed Viscosity:	12,000 cps
Tensile Shear Strength [Al to Al]:	1100 psi after 30 minutes 2100 psi after 1 hour 2800 psi after 2 hours 2800 psi after 4 hours
Compressive Strength:	10,200 psi
Elongation:	5 - 10 %
Operating Temperature:	-75° to 130° C [intermittent]
Shore D hardness after 40 minutes:	80 D
24 Hour Water Absorption:	<1%

200 Executive Drive • Waterloo, Indiana 46793 • Office: (260) 837-7833 • Fax: (260) 837-7834 • www.star-technology.com

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