



THIXO LV

TotalBoat Thixo LV is a low-viscosity, two-component, room temperature curing epoxy adhesive for filleting, laminating and gluing. It is packaged in two-component cartridges and can be dispensed easily through the provided static mixing nozzle(s).

HANDLING PROPERTIES

	<u>VALUE</u>	<u>TEST METHOD</u>
Resin Density at 77°F, lbs/gal	9.4	ASTM D1475
Hardener Density at 77°F, lbs/gal	8.6	ASTM D1475
Resin Viscosity at 77°F, cP	2,300	ASTM D2196
Hardener Viscosity at 77°F, cP	470	ASTM D2196
Mix Ratio By Weight	100A : 46B	Calculated
Mix Ratio By Volume	2A : 1B	Calculated
Gel Time at 77°F, 150g mass, min.	10	ASTM D2471
Tack-Free Time at 77°F, hrs.	2	Thin Film
Full Cure at 77°F, days	2	
Minimum Recommended Temp, °F	55	

PHYSICAL PROPERTIES

	<u>VALUE</u>	<u>TEST METHOD</u>
Color	Clear	Visual
Tensile Strength, psi	9,500	ASTM D638
Tensile Modulus, psi	458,000	ASTM D638
Tensile Elongation, %	7.2	ASTM D638
HDT, Room Temperature Cure, °F	135	ASTM D648
HDT, Post Cure, °F	146	ASTM D648
Compressive Strength, psi	11,200	ASTM D695
Flexural Strength, psi	15,000	ASTM D790
Flexural Modulus, psi	415,000	ASTM D790
Cured Density, g/cm ³ (lbs/in ³)	1.15 (0.041)	ASTM D792
Volumetric Yield, in ³ /lb	24.4	ASTM D792
Volumetric Shrinkage, %	4.5	ASTM D792/D1475
Hardness, Shore D	85	ASTM D2240

