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T-81-1
Moisture Cure
Urethane Adhesive

T-81-1 is a single part moisture cure urethane adhesive used in structural applications. Its main uses are on wood to wood and wood to metal applications. The product has a viscosity of about 10,000 to 30,000 cps. Cure is affected by reacting with ambient moisture in the air and in the substrates. In dry climates, water misting of the substrates is usually required. The **T-81-1** foams slightly upon exposure to the moisture and will fill small gaps. Handling strength is achieved in about 60 to 90 minutes and the adhesive is dry to the touch in about 1 to 2 hours. Full cure is achieved in 7 days at room temperature. Lap shear strength on milled maple wood lap samples range from 1,500 to 2,000 psi after 7 days of cure.

As with all moisture cure urethane products, the adhesive must be stored under anhydrous conditions. **T-81-1** is available in 5 gallon pails, 55 gallon steel drums and 330 gallon totes.

Technical Data:

Color:	Amber
Viscosity:	~10,000 cps
Open Time:	20 - 30 Minutes
Tack Free Time:	80 Minutes
% Free NCO:	~12%
Weight per Gallon:	9.25 lb / gal
Maple to Maple Lap Shear:	>1,500 psi after 7 days