

## PRODUCT SPOTLIGHT

**TB2249K**

**Low Temperature Cure  
Structural Bonding Epoxy**



### PRODUCT DESCRIPTION

**TB2249K** is a new low temperature cure structural one-part epoxy for bonding dissimilar materials. This heat-curing epoxy resin has a well-balanced shear bond strength and peel strength.

### APPLICATIONS

Structural bonding of metal  
Vertical and horizontal application - Thixotropic Index -1.9  
Bonding primary structures in "Body in White" and Chassis  
Weld bonding  
Bonding of various metals - Fe, Al, SUS, Cu, GFRP

### FEATURES

**High Strength** - Lap Shear Strength > 30 MPa, T-Peel >5 kN/m (Fe/Fe and AL/AL)

**High Heat** - 150°C (2000 hrs) no change

**Moisture and Thermal Cycle Resistance** - 40 to 150°C (2000 hrs) - little or no change

**"Oily Surface" Adhesion** - even with 100% oil coverage

**Excellent Impact Resistance** - 2.5 J (ISO 11343)

**Low Temperature Cure** - 130°C x 30 min

**Storage** - can be stored at 40°C for 2 months



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