

## PRIMER 1050

### ONE PART PRIMER FOR USE IN BONDING URETHANE ELASTOMERS TO NON METALIC SUBSTRIGHTS

#### DESCRIPTION

**PRIMER 1050** is a single-coat primer for bonding castable, sprayable and millable urethane elastomers to nonmetallic substrights such as urethane foam, concrete & various polymers.

#### TYPICAL PROPERTIES PRIMER 1050

Composition	A mixture of organic polymers and resins dissolved in an organic solvent system.
Color	Clear to slightly hazy amber.
Viscosity (77 Deg F)	750 - 1050 cps
Nonvolatile Content Weight	60% - 65%
Coverage *	265 sq. ft./gallon/one dry mil
Weight/Gallon	7.9 - 8.3 lbs.
Flash Point (Pensky-Martens Closed Cup)	36 Deg F (2.2 Deg C)
Diluents	Toluene, glycol ether solvents, MEK
Solvents	Toluene, isopropanol, ethanol, MEK
Shelf Life from date of shipment, unopened container, 70 - 80 Deg F storage	6 Months

\* Data is typical and not to be used for specification purposes.

## **PRIMER 1050 Continued:**

### **SURFACE PREPARATION**

To ensure consistent bonding results, surfaces must be thoroughly cleaned prior to application of the adhesive. Protective oils, cutting oils, greases, etc. are removed by solvent degreasing. Scale or tightly adherent coatings are removed by suitable mechanical or chemical cleaning methods.

### **APPLICATION**

**PRIMER 1050** may be applied to the cleaned substrate by brushing, dipping, spraying, roller coating, or any other method that gives uniform coating and avoids excessive runs or tears.

Proper dilution for the various application methods is best achieved by experience. **PRIMER 1050** is normally used full strength for brush, dip and roller application. For spray application, dilution of 50 to 100 percent by volume is suggested using (1) a 1:1 solvent blend (by volume) of toluene, or (2) glycol ether type solvents. The dry film thickness should be in the range of 0.5 to 1 mil for best results.

**PRIMER 1050** dries to a clear, soft, non-tacky film in a short time, but at least 30 minutes drying at 77 Deg F should be allowed for complete solvent evaporation prior to the bonding operation.