



VERNETZER 5002 E is a room-temperature active cross linking agent for two component Polyurethane- and Polychloroprene – adhesives. The resistance of the bond against heat, oil, fat, plasticisers and numerous solvents is considerably increased, as well as the adhesion to problematic materials and the toughness of the cured adhesive itself.

Usage

The addition is 5% by weight for bonds exposed to normal to medium stress and can be increased to maximum of 10% for highly stressed bonds. (Requires testing, increasing in too large steps is not recommended) It is important to pay attention to the pot life of the mixture, which depends on the amount of cross linking agent that has been added, the type of base adhesive and room temperature.

Technical Data

Base polymer	Isocyanate
Viscosity	5 – 10 mPas
Vapor pressure	97 m Bar
Nonvolatile matter	ca. 35%
State	Liquid
Color	Colorless to pale yellow
Smell	Sweet (solvent)
Density	0,97 g/cm ³
Soluble in	Acetone
Flash point	-2°C
Ignition point	460°C

Delivery sizes

90 g net in glass bottle
225 g net in glass bottle
900 g net in sheet metal bottle

Danger rating

VbF: A I, GGVS Class 3 No. F1, UN-No. 1866 .

Storage

VERNETZER 5002 E reacts with water. It should not be brought in contact with water, water containing solvents or solvents with a hydroxyl group. After use the packaging should be closed immediately to avoid ingress of air humidity.

VERNETZER 5002 E has a minimum storage life of 6 Months, if stored dry, cool and in its unopened original packaging.

The instructions given are based upon results from Laboratory and also from practical testing. Because of the different materials, processing and circumstances beyond our influence, we cannot guarantee for the suitability or durability of the resulting product. Therefore we recommend thorough testing using the precise materials and processing parameters intended for production. Furthermore we relegate to our business conditions.