

Kestopur PL 250/40



Kestopur PL 250/40 is a 2-component polyurethane adhesive for the gluing of metal, wood and insulation materials as well as fiber composite in sandwich panel constructions for the transportation and marine industry.



- Very strong bond
- Excellent adhesion to various materials
- Paste formula

AREA OF APPLICATION

Kestopur PL 250/40 gives a strong, yet an elastic bond. Due to its paste formula, it is ideal for trowel application for walls and ceilings. Used in conjunction with Kestopur 200/S hardener. Kestopur PL adhesives are fire classified according to marine industry's IMO FTPC, Part 5 and have a MED certificate (Wheel-mark). Adhesive has M1-emission classification for building products. Suitable for gluing of e.g. wood, plywood, metal, PVC, EPS (Styrox®), different types of insulation materials and concrete.

INSTRUCTIONS FOR USE

The surfaces to be bonded must be clean and dry. Remove oxides by sanding, grease etc. dirt with Kiilto Cleaner 303. First stir Kestopur PL 250/40 resin. Then add the hardener carefully stirring. Apply the adhesive using a roller, spatula or other application tool on one or both sides of the materials to be bonded. Remove fresh adhesive stains with a dry cloth and clean the surfaces with Kestopur Cleaner 302, acetone or xylene. Cured adhesive can be removed only by mechanical means. We recommend gluing at room temperature. Gluing at a lower temperature is possible (even +5–10 °C), but will lead to weaker spreading properties and to significantly slower curing process.

ADDITIONAL INFORMATION

The information given in this product data sheet is based on our tests and our practical knowledge. The technical data is defined in standard conditions. Variations in local working conditions and methods will affect the product performance and result. The result is strongly affected by working methods. We guarantee the high quality of our products according to our Quality Management System. No liability can be accepted from incorrect use of the product or prevailing conditions, over which we have no control. Thus, we cannot be held responsible for the final result. The user of the product must test the product's suitability for the intended application.

ENVIRONMENT AND SAFETY

Avoid unnecessary skin contact with and exposure to the uncured product: use safety gloves. Refer to the specific material safety data sheet. Go to www.kiilto.com for more information on product and package disposal.

TYPE/BINDER	Polyurethane
DENSITY/SPECIFIC WEIGHT	Resin approx. 1.60 kg/dm ³ , Hardener approx. 1.20 kg/dm ³
LAP SHEAR STRENGTH	SS 7 N/mm ² (28 d 23 °C, 50 % RH)
TENSILE STRENGTH	7 N/mm ² (DIN 53504)
ELONGATION AT BREAK	20 % (DIN 53504)
HARDNESS	Shore D 55
MIXING RATIO	6 weight part Kestopur PL 250/40 resin + 1 weight part Kestopur 200/S hardener
VISCOSITY	Resin approx. 5 million mPas, Hardener: approx. 200 mPas (Brookfield RVT 20°C)
MIXTURE VISCOSITY	approx. 3 million mPas (BrookField RVT 20°C)
MIXTURE COLOUR	Beige
POT LIFE	approx. 40 min. (120 g, 20°C, 50 % RH)
OPEN TIME	max. 60 min / 20 °C
CONSUMPTION	200–800 g/m ² depending on materials
PRESSING TIME	min. 3 h 30 min / 20 °C
STORAGE	Unopened at +10–25 °C in a container (1000 l) for 6 months, in smaller containers 12 months. After long storing, stir before use.