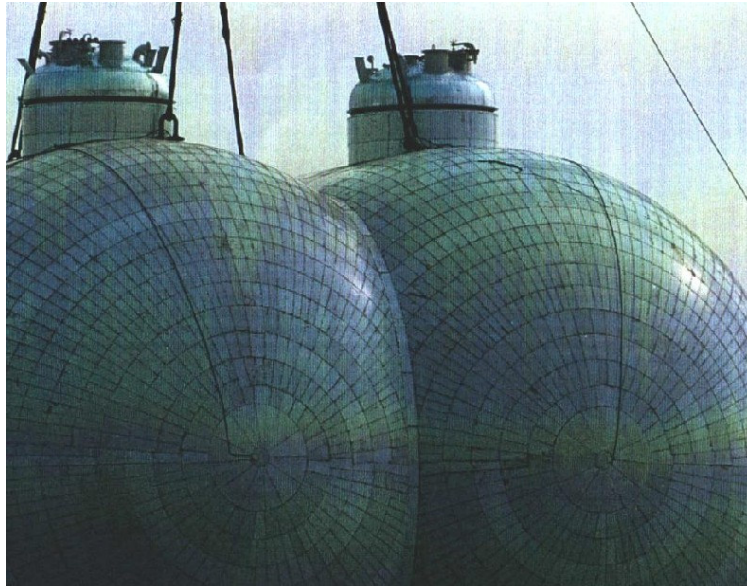




Kestopur - PL240



**Solvent-free, two-component
polyurethane adhesive.**





KESTOPUR PL 240

Kestopur PL 240 is a solvent-free, two-component polyurethane adhesive which forms a very strong but still elastic adhesive joint. Kestopur PL 240 can be applied manually using e.g. an appropriate trowel. Kestopur 200/S diisocyanate hardener is used in combination with Kestopur PL 240. The adhesive is fire classified according to IMO FTPC (IMO resolution MSC. 61(67) Part 2 and 5). Kestopur PL 240 can be used in glueing e.g. wood and plywood, various metals, various insulation materials, PVC, PS, glass, GRP and concrete.

Technical data *

Specific gravity	Ca. 1.60 kg/dm ³ (resin), ca. 1.20 kg/dm ³ (hardener)	
Colour	Beige	
Solids content	100 %	
Viscosity (mixing ratio 5:1)	1 500 000 mPas (Brookfield RVT, 20 °C)	
Shore D hardness	55	
Max. elongation	10 %	
Tensile strength	8 N/mm ²	
Tensile shear strength	Aluminium	7 N/mm ² (+20 °C) 12 N/mm ² (-20 °C) 13 N/mm ² (-190 °C)
Pot life (of 120 g of mixture)	60 min (20 °C, 50 % RH)	
Working time	Max. 1½ h after adding the hardener	
Application methods	Manual application	
Coverage	300 to 800 g/m ² depending on the materials	
Pressing time	6½ h / 20 °C	
Package sizes	3.5 kg, 11 kg	

*the values shown above are meant for guidance only and thus they can not be considered a material specification

Mixing ratio

5 parts Kestopur PL 240 resin + 1 part Kestopur 200/S hardener (measured by weight)

Instructions for use

Always apply the adhesive on clean and dry surfaces. If necessary, remove the grease and oil as well as oxidised substances from the surfaces. Stir the resin properly and add the hardener together with a careful but thorough mixing. Apply the mixture e.g. with a trowel to one or both of the surfaces to be joined. Remove the fresh adhesive residue with a dry piece of cloth and clean the surfaces with acetone or xylene. The cured adhesive can only be mechanically removed. We strongly recommend to use Kestopur adhesives at a room temperature. The glueing can even be carried out at lower temperatures (as long as higher than +5 °C) but the curing time may be significantly extended and application becomes more difficult due to higher viscosity.

Health and safety

The resin is not health hazardous. Appropriate protective gloves are to be used when handling the hardener. Appropriate breathing mask is to be used and a good ventilation arranged when the adhesive is applied by spraying or when the temperature exceeds +40 °C. Small amounts of components can be mixed using the correct mixing ratio and subsequently delivered to a dump pit. Larger amounts are to be delivered to an appropriate waste treatment plant. Please see a separate MSDS for details.

Storage

Kestopur resin and hardener should be stored in a cool, dark place tightly closed at +10 > +25 °C. The maximum storage time in the original, unopened containers is 12 months after date of supply.