TECHNICAL DATA SHEET

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Letoxit® LH 092

Application

Two component tixotropic adhesive with good strength and toughness, possible curing room or increased temperature. This adhesive has very good strenght and toughness. It is useful for bonding of wood materials, foams, pre treated plastics as e.g. ABS, PS, PE and laminates. With good results is possible to laminate glass or fibrous materials, as a fabric, ribbons, mats, etc.

Special properties

Component A properties

- white cloudy viscose liquid
- density at 25°C: 1,16 g/cm^3 (ISO 1675)

Component B properties

- yelow-brown liquid
- amine number: min. 560 - 650 mg KOH/g (PN-5M-06)

Mixture A+B

- Mixing ratio A:B 100:40
- Pot life: Because of exothermic reaction of both components after mixing depends on quantity of mixture, temperature of mixture and used containers. Generaly is possible determine the pot life of 500 g mixure in temperature 20°C to 60 – 70 min.
- Shear strength (ČSN 66 8510) min. 20 – 25 MPa

Processing

We recommend that the components are weighed with an accurate balance to prevent mixing inaccuracies which can affect the properties of the matrix system. The components should be mixed thoroughly to ensure homogeneity. It is important that the side and the bottom of the vessel are incorporated into the mixing process. With advantage it is possible to use a machine applicators.
The mixing ratio is 100 : 40 by the weight

Curing

In temperature 25°C reach Letoxit LH 092 sufficient strength for manipulation in 24 hours and the final strength in 48 hours. The curing is possible to accelerate by the increasing of temperature. At temperature 80 °C is possible to reach full curing in 13-18 min.

Packing

Letoxit LH 092	component A:	pails 5, 10,20 ,30 kg
	component B:	pails 5, 10,20 ,30 kg

Storage

Provided that the product described above are stored in a dry place in the original, properly closed containers at the storage temperature not lower than 10 °C and the components has to be stored separately. The component B has to be stored in not open can, with as lowest as possible exchange of air in production, to prevent increasing of water in the hardener. In temperature 18 – 25 °C is guaranteed the shelf life 6 month from expedition.

Safety at work

see material safety data sheet

5M
Na Záhonech 1177
686 04 KUNOVICE
Česká republika
tel: +420 572 433 711
fax: +420 572 433 700
email: 5M@5M.cz
www.5M.cz
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