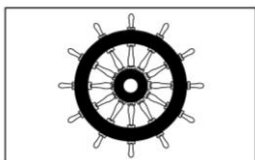


KLEIBERIT 700.5

Reactive PUR Hotmelt Adhesive

Fields of application

- For assembly bonding
- Good adhesion to different materials such as polystyrene, wood, wood based materials, PVC, aluminium, sheet metal (depending on the material a pre-treatment is necessary)
- Because of the long open time, also suitable for large surfaces
- 2 layer parquet manufacture in continuous production
- Bonding in shipbuilding
KLEIBERIT 700.5
complies with IMO
FTOC Part 5 & Part
2. Approval
according to test
certificate BG
Verkehr
(department maritime safety) for
international use according to Module B)



Approval number: 118274-03

Certified application quantity: 120 g/m²

Advantages

- Following cross-linking highly stressed bondings are achieved; they are very resistant to heat, water and cold
- Low processing temperature
- Long open time
- Very good application properties with doctor blade, spray-nozzle, roller
- Suitable for application with slot nozzle

Properties of the adhesive

Base: polyurethane

Density: approx. 1.1 g/m³

Viscosity (on the day of production)

Brookfield HBTD 10 rpm:

at 120° C 6,000 ± 2,000 mPa·s

at 140° C 3,000 ± 1,000 mPa·s

Identification: identification required according to EU regulations; contains diphenylmethane-4,4'-diisocyanate (see our safety data sheet)

Note: Intended for commercial use only.

Attention

When Hotmelt adhesives are melted and applied, vapours are set free and an unpleasant odour can occur, even if the recommended working temperature has been observed. Moreover if the prescribed working temperature is exceeded over a longer period, harmful decomposition products can develop. Precautions should be taken to eliminate the vapours, e.g. by using a suitable ventilation system.

Application techniques

For assembly bonds the adhesive is applied by means of nozzles, slot nozzles or sprayed. Guns suitable for PUR Hotmelts may be used or pre-melting systems with heated hoses and application heads.

Application temperature: 120-140 °C.

Open time: 4 mm bead / 120 °C
3 minutes

Press time: 10-30 seconds

Reaction time: up to 7 days
(depending on material and ambient temperature)

Chemical cross linking of PUR hotmelts requires moisture. Therefore sufficient air humidity has to be present during processing

Please pay attention to the processing guide lines 704/705/707/700.5

Application devices

- Cartridge hand pistol for manual application
- Melting tanks with nitrogen protection
- Bulk melters for 20 and 200 litre drums
- Sealed roller systems, nozzle applicators and slot die extruders

Cleaning

When finishing working with KLEIBERIT 700.5 empty the application aggregate or drain off the remaining PUR Hotmelt. Immediately insert EVA Hotmelt Cleaning Compound KLEIBERIT 761.7 - melt and discharge it until the last traces of PUR Hotmelt have been removed.

Cured Hotmelt can only be removed mechanically.

KLEIBERIT 700.5

Packaging

KLEIBERIT 700.5:

carton with 12 cartridges, 300 g net each
carton with 12 cartridges, 140 g net each
carton with 5 metal cans, 2 kg net each
metal drum, 200 kg net

Cleaner

KLEIBERIT 761.7:

carton with 12 cartridges, 250 g net each
carton with 12 cartridges, 100 g net each
carton with 6 Alu bags/fibre drum, 1.5 kg net each
metal pail, 15 kg net

Additional packaging sizes available upon request.

Storage

KLEIBERIT 700.5 can be stored in factory-sealed containers:
cartridges, approx. 12 months
cans, approx. 6 months
drum, approx. 12 months

Protect from humidity!

Version 02/03/2023 al; replaces previous versions

Disposal of containers and contents

Waste disposal key **080410**

Disposal of contents and/or containers should comply with all applicable federal, state and local regulations.
Our containers are made of recyclable material.

Service

Our application department may be consulted at any time without obligation. The statements made herein are based on our experience gained to date. They are to be considered as information without obligation. Please test and establish for yourself the suitability of our products for your particular purposes. No liability exceeding the value of our product can be derived from the foregoing statements. This also applies to the technical consultancy service which is rendered free of charge and without obligation.