

KLEIBERIT 706.0.05

Reactive hotmelt based on polyurethane (PUR) for surface lamination

Fields of application

- Surface lamination
- Good adhesion to various materials, such as polystyrene, wood, plaster, woven material, wood material, PVC, aluminium and metal plate (dependant upon the material used, pre-treatment could be necessary)
- The long open time allows large surfaces areas to be bonded

Advantages

- Following cross-linking, a highly heat resistant, watertight, extremely cold resistant and durable bond is attained
- Low processing temperature
- Long open time

Properties of the adhesive

Base: polyurethane
Specific weight: approx. 1.1 g/cm³
Viscosity (on the day of production)

Brookfield HBTD 10 rpm:
 at 120°C 12,000 ± 3,000 mPa s
 at 140°C 6,000 ± 2,000 mPa s

Identification: see our safety data sheet

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 surface lamination, KLEIBERIT 706.0.05 is processed with melting equipment (suitable for PUR hotmelt adhesives) on a roller coater application unit.

Reference value for open time for application onto chip boards: up to 1-3 minutes for

Application quantity: 100 g/m²
 Application temperature: 120°C
 Room temperature: from 20°C

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

Application devices

- Tank device with a nitrogen blanket
- Barrel melting plant for 20 litre containers
- Suitable roller application system

Cleaning

Following completion of the work with KLEIBERIT 706.0.05, either run the application empty or drain off the remaining contents. Immediately afterwards apply melted KLEIBERIT Cleaning Agent 761.8 and reverse the direction of the rollers until the last traces of PUR Hotmelt have been removed. Hotmelt adhesive which has already cross-linked can only be removed mechanically.

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Packaging

KLEIBERIT 706.0.05:

aluminum bag in fiber drum, 1.80 kg net
aluminum bag in fiber drum, 20.0 kg net
metal drum, 50 kg net
metal drum, 190 kg net

KLEIBERIT Cleaning Agent 761.8:

plastic pail, 20.0 kg net
fiber drum, 136.0 kg net

Additional packaging sizes available upon request.

Storage

KLEIBERIT 706.0.05 can be stored in factory
sealed containers approx. 12 months

Protect from humidity!

Version 24.11.2021 lz; replaces previous versions

Adhesive and Waste Disposal

Waste Code 080409

Our containers are made of recyclable material. Well drained containers can be recycled.

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.