

KLEIBERIT 711.2

Reactive PUR Hotmelt Adhesive

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

Properties of the adhesive

Base:	polyurethane
Specific weight:	approx. 1.1 g/cm ³
Viscosity (on the day of production)	
Brookfield HBTD 10 rpm:	
at 120° C	10,000 ± 2,000 mPa s
at 140° C	5,000 ± 1,000 mPa s
Identification:	identification required according to EU regulations; contains diphenylmethane-4,4'-diisocyanate, (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 711.2 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 hotmelts 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 711.2, either run the application empty or drain off the remaining contents. Immediately afterwards apply melted Cleaning Agent KLEIBERIT 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 711.2:

Carton with 6 fiber drums with aluminium bags at
1.8 kg net each

Fiber drum with aluminum bag, 20.0 kg net

Metal drum, 190.0 kg net

Cleaning Agent

KLEIBERIT 761.8:

Plastic pail, 20.0 kg net

Fibre drum, 136.0 kg net

Additional packaging sizes available upon request.

Storage

KLEIBERIT 711.2 can be stored in unopened
factory sealed containers as follows:

approx. 12 months

Protect from moisture!

Version 17/03/2020 ki; replaces previous versions

Waste Disposal

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.