

# Reactive PUR Hot Melt PUR 708.8

**Reactive hot melt based on polyurethane (PUR) for processing with low temperatures**

## Fields of application

- Flat lamination
- Good adhesion to various materials such as polystyrene, wood, plaster, textile, wood based materials, PVC, aluminium, sheet metal (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 extremely high heat resistant, watertight and extremely cold-resistant bond is attained
- Low processing temperature
- Long open time
- Very good on the roller
- Excellent green strength
- KLEIBERIT 708.8 fulfils the food law requirements of the Regulation (EU) 10/2011

## Properties of the adhesive

**Base:** polyurethane  
**Specific weight:** approx. 1.1 g/cm<sup>3</sup>  
**Viscosity** (on the day of production)  
**Brookfield HBTD 10 rpm:**  
 at 120° C 10,000 ± 2,000 mPa s  
 at 140° C 5,000 ± 2,000 mPa s  
**Identification:** identification required according to EU regulations; contains diphenylmethane-4,4'-diisocyanate, (see our safety data sheet)

## Attention

When hot melt 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 must be taken to eliminate the vapours, e.g. by using a suitable ventilation system.

## Application techniques

In order to bond large surface areas with **KLEIBERIT PUR 708.8**, a melting plant can be used with a roller-application plant, suitable for PUR hot melt adhesives.

**Application temperature:** 120°C – 140°C

**Open time on chip board at 120°C:** 70-80 seconds

**Reaction time:** up to 7 days (depending on material and ambient temp.)

## Application devices

- Tank device with a nitrogen blanket
- Drum un-loaders for 20 and 200 litre containers
- Suitable roller-application plant

## Cleaning

Following completion of the work with **KLEIBERIT PUR Hot Melt PUR 708.8**, 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 hot melt have been removed. Hot melt adhesive, which has already cross-linked can only be removed mechanically.

## Packaging

**KLEIBERIT PUR Hot Melt PUR 708.8:**

Carton with 12 aluminium cartridges at 0.3 kg net each

Fiber drum with aluminium bag, 18 kg net

**KLEIBERIT Cleaning Agent 761.8:**

Plastic pail, 20 kg net

Additional packaging sizes available upon request.

## Storage

**KLEIBERIT PUR Hot Melt PUR 708.8** can be stored in factory sealed containers as follows:

Cartridges approx. 12 months

Protect from humidity!

Version KH 1012; 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.