KLEIBERIT 701.6.50 ME

Reactive PUR Hotmelt Adhesive

Fields of use

- Highly stressed membrane, leather and textile laminating
- Laminating foam to textile material

Advantages

- Adhesive with very high green strength, therefore shorter production times for multilayer compounds
- Very good wetting
- Activation is possible using infra-red or hot air

Properties of the bond

- Very high bond strength following cross-linking
- Extremely good resistance to heat and cold
- Soft textile grip
- Resistant to washing
- Resistant to chemical dry cleaning
- Very favourable fogging characteristics

Properties of the adhesive

Base: Polyurethane
Specific gravity: approx. 1.05 g/cm³
Viscosity (on the day of manufacture)
- Brookfield HBTD 10 rpm:
at 80°C: 16,000 ± 3,000 mPa·s
at 100° C: 4,000 ± 1,000 mPa·s

-ME product (Micro-Emission)
Residual monomer content < 0.1%

Identification: See our safety data sheet

Hot-melt adhesives give off vapours even if the prescribed working temperature has been observed, and as a result unpleasant odours can develop. If the prescribed working temperature is considerably exceeded over a prolonged period, harmful decomposition products can also develop. Precautions should be taken to eliminate vapours, e.g. by using a suitable extraction ventilation system.

Processing

KLEIBERIT 701.6.50 ME is supplied in tightly closed containers suitable for use in melting plants. The hot-melt application aggregate should be designed to protect the adhesive from direct exposure to humidity.
Special attention must be paid to precise temperature control of the whole plant (record start data of the machine).
The adhesive is applied with rollers (engraving roller), nozzles (spray application), screen, etc. The application temperature is dependant upon the type of substrate and is normally within the range of 80 – 110 °C.

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

Subsequent cross-linking of the adhesive film follows during the course of 1-3 days, according to the moisture level
Final strength will be reached after approx. 10 days.

Tests of the service properties of the bond, e.g. washing, chemical dry cleaning, etc. should only be performed following thorough cross-linking of the adhesive (i.e., after approx. 10 days).

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Application devices
- Cartridge hand gun for manual application
- Melting tanks with nitrogen protection blanket
- Bulk melters for 50 litre drums

Cleaning
Immediately following work with KLEIBERIT 701.6.50 ME, run the application plant until dry, or drain off the remaining adhesive. Immediately insert EVA Hotmelt Cleaning Compound - KLEIBERIT 761.2 for a screen print plant, insert KLEIBERIT 761.8 for a melt print plant, melt and apply until all traces of PUR Hotmelt have been removed. Cured (dried) hot-melt adhesive can only be removed mechanically.

Packaging
KLEIBERIT 701.6.50 ME:
carton with 12 cartridges, 300 g net each
drum, 50 kg net

Cleaning Compound
KLEIBERIT 761.2:
metal drum, 190 kg net
Cleaning Compound
KLEIBERIT 761.8:
plastic pail, 20 kg net
fibre drum, 136 kg net

Additional packaging sizes available upon request.

Storage
KLEIBERIT 701.6.50 ME can be stored in factory sealed containers for approx. 12 months

Protect from humidity!

Version 21/05/24 ga

Disposal of containers and contents

Waste disposal key 080409
080410 – Adhesive fully cured

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.

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