

## KLEIBERIT 701.0 REACTIVE PUR HOTMELT



### FIELD OF APPLICATION

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

### PROPERTIES OF THE BOND

- Very high bond strength following cross-linking
- Extremely good resistance to heat and cold
- Soft textile grip

### PROCESSING

KLEIBERIT 701.0 is applied with engraving rollers. The application temperature is dependent upon the type of substrate and is normally within the range of 95 °C-110 °C.

Chemical cross linking of PUR hotmelts requires moisture. Therefore sufficient air humidity has to be present during processing. Tests of the service properties of the bond, e.g. washing or chemical dry cleaning should only be performed following thorough cross-linking of the adhesive (i.e., after approx. 10 days).

### TECHNICAL PROPERTIES

- Base: Polyurethane
- Specific gravity approx. 1.1 g/cm<sup>3</sup>
- Viscosity (day of production) Brookfield HBTD 10 rpm:
  - at 100°C: 8,000 ± 2,000 mPa·s
  - at 120°C: 3,000 ± 1,000 mPa·s

### CLEANING

Immediately following work with KLEIBERIT 701.0, run the application plant until dry, or drain off the remaining adhesive. Immediately insert cleaning agent KLEIBERIT 761.8, melt and apply until all traces of PUR hotmelt have been removed. Cured (dried) hotmelt adhesive can only be removed mechanically or with cleaner KLEIBERIT 822.8 in cleaning bath at 70 °C.

For more information see technical data sheet.

### ADVANTAGES

- Adhesive with very high green strength, therefore shorter production times for multilayer compounds
- Fluorescent - enables application quality to be checked
- Activation is possible using infra-red or hot air

### THESE MATERIALS WERE BONDED WITH KLEIBERIT 701.0:

Substrate 1	Bonded to substrate 2
PU Film	Fleece (None Woven)
Fleece (None Woven)	Fleece (None Woven)
Poly Cotton	Fleece (None Woven)
Warp Knit (Soft Silky, stretchy)	Synthetic Lace
Warp Knit (Soft Silky, stretchy)	Cotton Embroidered
Warp Knit (Soft Silky, stretchy)	Schiff Embroidery (High end lingerie)
Circular Knit (Cotton)	Warp Knit (Soft Silky, stretchy)
Circular Knit (Cotton)	Circular Knit (Cotton)
Synthetic Leather	PU Foam
Fabric Textile	PVC
Fabric Textile	Breathable Film
PE Film	PET Felt
PVC Film	PU Foam
Needle Felt	PE Film
Brush Nylon Fabric	Paper
PET & PE Foams	Nylon PET Fabrics
Woven Glass	PET <sub>(met)</sub> Film (10 Micron)
Needle Punched PET	PE Film
Paper	PET & Nylon Fabric
Brushed Nylon	Paper