

Profile Wrapping



KLEIBERIT PUR Hotmelt

KLEIBERIT 702.4/.5/.7

for wrapping CPL, papers, veneers and thermoplastic foils to profiles made from wood, wood based materials, PVC and aluminium

- Very sticky
- High green strength
- Line speeds to 60m/min
- Very fast setting properties

KLEIBERIT 704.5

for wrapping CPL, thermoplastic foils, veneers and papers on wood/wood based materials, aluminium and PVC profiles

- High quality product

- Universal use
- Certified for window profile wrapping according to RAL GZ 716
- Very high green strength
- Suitable for a wide range of applications

KLEIBERIT 708.7

for highly durable bonding of wood based materials and profiles made from PVC and wood based materials with PVC films, CPL, thick decorative papers, veneers in interior use

- Very high green strength combined with pronounced tackiness
- Heat resistance to over 150 °C (heat storage)
- Cold resistance down to -40 °C

ADHESIVES

The requirements of the furniture and interior work industry have risen dramatically and therefore the adhesive requirements have also changed considerably. Fast application, difficult profiles, temperature and moisture resistance are factors which have to be taken into consideration when choosing an adhesive system.

PUR Hotmelts (polyurethane):

- besides the physical setting there is a chemical cross linking
- much higher temperature and moisture resistance up to 140 °C
- is also suitable for metals and plastic

EVA and PO Hotmelts

(ethylene-vinyl acetate and polyolefin):

- are based on thermoplastic synthetics or resins which set purely physical
- achieves strength directly after cooling / crystallisation
- temperature resistance up to 90 °C (EVA) / 120 °C (PO)

Solvent based polyurethane adhesives

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KLEIBERIT PO Hotmelt

KLEIBERIT 750.0

for wrapping papers, veneers and laminates to wood and wood based materials

- Very good melting properties
- High green strength to compensate for strong memory (especially for laminates and difficult profiles)
- Very good wetting to CPL, HPL, paper and veneer

KLEIBERIT 750.3

wrapping of profiles made from wood and wood based materials as well as pre-coating of papers for subsequent lamination purposes (with reactivation)

- Very good application, also in long-term operation - no stringing
- Variable application temperature, depending on wrapping material
- High green strength combined with very good wetting
- Reliable bonding at different line speeds
- Good aging resistance

KLEIBERIT 753.3

for wrapping thin papers and micro veneers

- Low viscosity
- Very high temperature resistance from -20 °C up to 120 °C
- No telegraphing through thin papers

KLEIBERIT 753.0

for wrapping papers and veneers of various thickness to wood and wood based materials

- Medium viscosity
- Good tack and green strength
- Temperature resistance from -20 °C up to 120 °C

KLEIBERIT EVA Hotmelt

KLEIBERIT 743.3

for wrapping profiles with PVC furniture films

- Very low application temp. (from 130 °C)
- Very good application, therefore best surface quality
- Excellent aging resistance

KLEIBERIT 743.7

for wrapping very thin paper foils

- Smooth application properties, no telegraphing through the paper
- Good surface finish
- Very good tack and good wetting

KLEIBERIT 744.0

wrapping of profiles made from wood based materials with suitable furniture films

- Low application temperature
- Very good application, therefore best surface quality

KLEIBERIT 746.2

Universal hotmelt for wrapping veneers and papers to wood and wood based materials

- Good green strength
- Also suitable for difficult profiles

KLEIBERIT Solvent-based Polyurethane Adhesives

KLEIBERIT 265.0

Solvent-based adhesive on PUR basis for wrapping PVC films, papers and veneers on wood and wood based materials.

- Fast drying
- Suitable for high line speeds

Application:

Hotmelt adhesive for profile wrapping can, depending to the type of hotmelt, have a low or medium viscosity. Their advantages are good premelting properties, good dosing, as well as long open time but good green strength.

The adhesive is always applied to the rear of the wrapping material. Suitable application devices are rollers, doctor blades and slot nozzles.

The application temperature of EVA and PO Hotmelts should be between 180 °C to 210 °C.

The reactive PUR Hotmelts are processed at much lower temperatures between 120 °C and 140 °C.

KLEIBERIT Wrapping Hotmelts

KLEIBERIT		lamination material																			
		CPL			Thin paper			Thick paper			Veneer			Alcorcell			PVC-foil				
Produkt		W	R	S	W	R	S	W	R	S	W	R	S	W	R	S	W	R	S		
EVA-HM	743.3				■	■	●										■	■	●		
	743.7				■	■	■														
	744.0				■	■	■										■	■	■		
	746.2	●	●	●	●	●	●	■	▼	■	■	■	■	▼	●	●					
PO-HM	750.0	▼	■	■	▼	▼	▼	▼	▼	■	▼	■	■	▼	■	■					
	750.3	■	■	▼	●	●	●	■	■	▼	■	■	▼	■	■	▼					
	750.6	▼	▼	▼	■	■	■	▼	▼	▼	■	■	■	■	■	■					
	753.0	▼	▼	▼	▼	●	●	■	■	▼	■	■	▼	▼	▼	▼					
	753.3				■	■	■							▼	▼	▼					
PUR-HM	702.4	●	●	●	■	■	■	●	●	●	●	●	●	■	■	■	■	■	■		
	702.5/702.7	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
	704.5				▼	▼	▼	▼	▼	▼	▼	▼	▼	■	■	■	■	■	■		
	708.7	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		

W = roller R = doctor blade S = slot nozzle
 ■ very well suited ▼ well suited ● possible