

KLEIBERIT 773.8

EVA Hotmelt Adhesive

Fields of application

Bonding of

- Polyester edges
- CPL and melamine resin edges, also so called thin edges
- PVC and ABS edges (primed)
- Uncompressed resin-impregnated paper edges
- Solid and veneer edges

Advantages

- Good melting properties
- Very clean processing
- No stringing
- High green strength
- Can be for fast processing machines also

Properties of the adhesive

Base:	EVA-Copolymers
Density:	approx. 1.18 g/cm ³
Viscosity (Brookfield HBTD):	
at 180 °C:	180,000 ± 25,000 mPa s
at 200 °C:	100,000 ± 20,000 mPa s
Melting index according to DIN EN ISO 1133 (MFI 150/2,16):	40 ± 10 g / 10 minutes
Softening point (ring and ball):	100 ± 5° C
Process temperature:	
- edge banders:	180 - 200°C Lower temperatures may cause faulty gluing, higher temperatures maintained for a long time may damage the adhesive and lead to decomposition.
Delivery form:	granules, cartridges
Colours:	beige
Identification:	see our safety data sheet

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 devices

- Automatic edge banders with roller applicator

Application techniques

The substrates for edge bonding have to be processed at exact right angles and must be free from dust. The boards as well as the edges have to be acclimatised to room temperature. The most favourable moisture content of the wood is 8-10 %. The room temperature should not be lower than 18°C. Draughts should be avoided!

Temperature Control:

Regularly check the temperature directly at the application system by means of a laboratory thermometer, bimetal thermometer or by a thermometer with electrical contacts. Re-adjust if necessary. The thermometers installed in the machine may give incorrect reading after extended use.

Speed

Machine speed is 8-50 m/min., depending on width of edges; insufficient speed might result in faulty bonding.

Application quantity

Please adjust application quantities so that the adhesive can be seen at the edges of the bonding. You can check an even glue film with transparent PVC strips.

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Post-processing

The bonded material can be processed immediately after bonding (sawing, routing, planing, etc.)

Cleaning

Tools can be cleaned with KLEIBERIT 827.0.

Packaging

KLEIBERIT 773.8:

Bag, 3 kg net
PE bag, 20 kg net
Carton with 18 cartridges
for Festool Conturo at 107 g net each
(1.92 kg net total)
Carton with 45 cartridges
for HOLZ-HER at 310 g net each
(13.95 kg net total)

Cleaner

KLEIBERIT 827.0:

metal canister, 4.5 kg net
carton with 12 bottles at 0.7 kg net each

Additional packaging sizes available upon request.

Storage

KLEIBERIT 773.8 can be stored for approximately 2 years. Keep in a cool and dry place.

Version 16/10/24 ga; replaces previous versions

Adhesive and Waste Disposal

Waste Code 080410

Our containers are made of recyclable material. Well drained containers can be recycled.

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.