

Thermobond 785.1

Universally applicable hotmelt sticks for industry, craft and hobby

Fields of application

Bonding and fixing of

- Plastics such as polystyrene, ABS, polyamide, rigid PVC, polyester, plexiglas etc.
- Wood and wood based materials
- Paper and cardboard
- Textiles
- Natural leather
- Ceramics

Advantages

- Good processing
- Long open time
- Good adhesion to many materials

Properties of the bonding

- Elastic joint
- Good cold flexibility
- Good water resistance
(Water absorbent materials may cause moisture infiltration of the joint and disconnection).

Properties of the adhesive

Base:	EVA copolymer
Specific gravity:	approx. 0.98 g/ cm ³
Colour:	milky-opaque
Viscosity	
Brookfield RVT thermosel	
at 200°C:	approx. 6,500 mPa·s
Softening point	
(ring and ball):	approx. 90°C
Working temperatures:	180-200°C
Open time:	approx. 45 seconds, depending on material, application quantity and room temperature
Setting time:	2-3 seconds, depending on insulation properties of the materials used
Delivery form:	hotmelt sticks, Ø 10 mm, length approx. 20 cm.

Slight variations in colour can be caused by production and have no influence on quality.

Identification: identification not required according to EU regulations.
(see our safety data sheet)

Adhesive in melted condition has a slight odour directly at the application point, the bonding itself is completely odourless.

Applicators

- Hotmelt guns

Application techniques

The materials to be bonded must be stable and free from dust, dirt, moisture, grease and release agent. The adhesive is applied to one side as point, stroke or bead.

The adhesiveness at low temperatures depends considerably on the materials to be bonded.

Open time

The open time is dependent on material and heat dissipation. In order to improve the bond strength a short pressing of the bonded parts is recommended after fixing.

Setting time

2-3 seconds, depending on the insulation properties of the materials used.

Special advice:

Melted adhesive as well as nozzle and top of application gun may have a temperature of up to 200°C. Careless contacts may lead to skin burns. In such cases cool immediately with plenty of cold water.

Packaging

Carton with 10 bags at approx. 1 kg net each

Additional packaging sizes available upon request.

Storage

KLEIBERIT Thermobond 785.1 can be stored in an interior climate (DIN 50010) for approx. 1 year. Avoid heat (solar radiation or similar) in any case because of possible deformation of the sticks. The sticks remain flexible at transport and storage temperatures of max. – 10 °C.

Version 23/06/20 ga; 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.