



TERMOLITE TE-40

“Edgebanding” Hot-melt

ISO 9001
BUREAU VERITAS
Certification



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Description and applications:

Hot-melt adhesive especially developed to be used in Holz-Her edge banders or similar equipments that work with cartridges.

TERMOLITE TE-40 is suitable to bond solid wood, chipboard, hardboard, MDF, or other fine-grained wood-based materials with different kinds of edge: wood veneer, polyester, HPL*, PVC*, ABS*, PP* and melamine.

* Suitable depending on the individual characteristics of the edge material and how it is primed.

Technical data:

Composition:	EVA copolymers and synthetic resins.
Packaging:	Aprox: 14,75 Kg Boxes
Appearance:	Cartridges (Ø=63mm; Long=80mm).
Colour:	Natural, White, Brown.

Properties:	Value:	Unity:	Standard:
Brookfield Viscosity: (200°C, TR11-6rpm)	50.000 – 70.000	mPa·s	UNE-EN 12092
Softening Point (R&B):	87 - 97	°C	UNE-EN 1238
Open Time (180°C):	Medium	---	I.M.
Application Temperature:	180 - 200	°C	---
Feed Speed (approx)(*):	12 - 18	m/min.	---

Source: Laboratory tests.
(*) Depending on environmental conditions and temperatures of materials.

Characteristics:

- Suitable for Holt-Her edge banders.
- Medium open time.
- High initial tack.
- Medium setting time.
- Suitable for wood veneer, polyester, HPL*, PVC*, ABS*, PP* and melamine.

Instructions for use:

In order to achieve maximum bond strength, surface must to be clean and dry. All dirt, dust, oil or other extraneous materials must be removed prior to applying adhesive.

Adjusting of the machine should be done according to the manufacturer’s instructions.

Guide for an optimal working conditions:

- Moisture of the materials: 8-10%
- Melter Temperature: 180-190°C
- Temperature of the Roller : 190-200°C

Due to the variety of climates, the wide variety of materials and the differences observed in adhesion, we advice to carry out preliminary tests to achieve the optimal work conditions and the suitable weights to be applied.

During stops, the adhesive temperature should be decreased until 120°C in order to avoid adhesive degradation loss of the adhesive properties.

Security and hygiene:

For further information, please request safety data sheet.

Storage:

TERMOLITE TE-40 can be storage at least 2 years in the follow conditions: Keep product in a cool (between +5 and +35 °C) dry (WR <60%) and ventilated area away from direct sunlight, heat sources and points of ignition. Avoid frost. Always store in original container tightly closed.

Cleaning:

Application tools and equipment can be cleaned with TECNOCLEAN product.

Note:
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The user is obliged to ensure that our products are suitable for the process and the use in question.

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