

TECHNICAL DATA SHEET

TECHNOMELT DORUS KS 217

February 2025

Product Description

TECHNOMELT DORUS KS 217 is an EVA-based universal hot-melt adhesive developed primarily for solid wood edge banding.

Applications

- Edge banding speed from 10 m/min.
- Suitable for solid wood, veneer, melamine, polyester, HPL, PVC, ABS and PP edge bands.
- Particularly suitable for solid wood applications.

Suitability depends on the substrate and primer used. Preliminary testing is recommended, especially with thick edge bands.

Key Properties

- Low viscosity
- Universal hot-melt adhesive
- Excellent cross-linking
- Tight glue joints
- High final bond strength
- High heat resistance
- High adhesive yield

Technical Properties

Softening point (Ring & Ball): approx. 105 °C

Brookfield viscosity (200 °C): 39,000–66,000 mPa·s (CAP 2000+, Spindle 8, 10 rpm)

Heat resistance: approx. 90 °C

Application Instructions

Read the Safety Data Sheet before use.

Recommended operating temperatures:

Melting tank: 180–200 °C

Application roller: 190–200 °C

Cleaning

Regular cleaning of application units with TECHNOMELT® CLEANER EASYFLOW reduces adhesive deposits and ensures a stable, clean bonding process. Observe all safety instructions and the machine manufacturer's cleaning instructions.

Safety

Hot-melt adhesives emit vapours even within the normal operating temperature range. These vapours may cause irritation. Prolonged overheating may generate hazardous decomposition products. Ensure adequate ventilation or extraction.

Storage

Store in a cool, dry place. Observe the expiry date shown on the product packaging.

Product Information

Technology: EVA
Product type: Hot-melt adhesive
Application: Edge banding
Appearance: Granules
Colours: Natural, White, Brown

Disclaimer

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