MPU-20
Single-Component Adhesive for Gypsum & Lightweight Boards

PRODUCT DESCRIPTION

Supplier-line, single-component moisture-curing polyurethane adhesive for lightweight construction boards and composite panels.

APPROVED APPLICATION SCOPE

Paper-faced gypsum board, calcium-silicate board, magnesium-oxide board, wood, selected metal sheets, insulation and fire-resistant core materials. Confirm every substrate combination by trial.

TECHNICAL DATA

Property	NC-verified value
Components	Single component; moisture curing
Appearance	Brown viscous liquid
Specific gravity	1.15 ± 0.05
Viscosity	8000–9000 mPa·s; adjustable
Solid content	94%
Surface dry	≤ 1 hour
Cure time	4–8 hours; adjustable
Typical coating weight	120–160 g/m²
Metal-to-metal bond strength	≥ 15 MPa

DIRECTIONS FOR USE

- Keep surfaces clean, dry and free of release agents.
- Use as supplied and spread uniformly with a serrated scraper or mechanical roller.
- Assemble and cold-press while the adhesive remains workable.
- Confirm coating weight, open time and press cycle on the actual board and facing before production.

STORAGE & PACKAGING

Store sealed in a cool, dry place. Typical packaging: 25 kg plastic drum or 200 kg iron drum.

CONTROL NOTE Use the application-specific coating and cure ranges stated above; production settings must be confirmed on the actual board construction.

SAFETY & LIMITATION

For professional or industrial use only. Read the current Safety Data Sheet before handling. Wear suitable gloves and eye protection, ventilate the work area and keep containers closed. This TDS provides guidelines, not a production specification. The purchaser must validate suitability, process settings and finished-product performance under actual operating conditions.