SPC-H250E
XPS/EPS Insulated Wall Panel Adhesive

PRODUCT DESCRIPTION

Solvent-free, two-component polyurethane adhesive for insulated wall-panel bonding.

APPROVED APPLICATION SCOPE

Calcium-silicate board, foamed-cement board, XPS, EPS, steel and aluminum sheet, marble and granite. For rock wool or unusual combinations, request a system recommendation and trial first.

TECHNICAL DATA

Property	NC-verified value
Components	A: polyurethane; B: isocyanate
Appearance	A: white viscous liquid; B: dark-brown liquid
Mix ratio by weight	A:B = 4:1 or 5:1, according to supplied grade
Viscosity at 25 °C	A: 9000 ± 50 mPa·s; B: 2100 ± 20 mPa·s
Pot life at 25 °C	< 15 minutes
Typical coating weight	150–300 g/m²
Cure	Room temperature
Cured film	Microcellular

DIRECTIONS FOR USE

- Clean and dry all faces; abrade and degrease metal facings as required.
- Use the ratio marked on the supplied grade: 4:1 or 5:1 by weight. Mix until color is uniform.
- Spread 150–300 g/m² with a notched trowel or scraper and assemble without delay.
- Cold-press until cured. Confirm coating weight and press cycle on the actual core/facing combination.

STORAGE & PACKAGING

Store dry, cool and sealed. Shelf life: six months unopened. Typical packaging: A 25 kg iron drum; B 5 kg plastic drum.

CONTROL NOTE No single universal foam-board recipe is implied. XPS/EPS surface treatment and the exact facing/core combination must be confirmed by trial.

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.