

Technical Information

GORAPUR® LK 8443 B

Description

Gorapur® LK 8443 B is a solvent based release agent for the manufacturing of cold cured cushion foam.

Key performance benefits

- Easy Release
- Low build-up in the moulds
- Low spraying amounts
- Short drying time
- Suitable for use with electrostatic spray gun
- Tin free

Typical properties*

Appearance	White dispersion
Density at 25 °C	0,75–0,79 g/cm ³
Carrier	Isoparaffines
Flashpoint	>56 °C

* For actual ranges, please refer to the Certificate of Analysis (CoA) / Sales Specification.

Application

- Preferred mould temperature: 50–65 °C
- Demolding of cold cured foam flexible foam for automotive seats and furniture. MDI/ MDI-TDI and TDI systems.

Instruction for use

The product is a ready-to-use release agent. The concentration of waxes is much higher in this product than in conventional release agents.

High solids must be sprayed very carefully in order to create a thin layer with uniform distribution. A thicker layer of release agent will not enhance the release effect but will tend to impede it instead.

For the application of high solids, we recommend air-spray devices with two separate pressure adjustments: one for atomisation with the pistol and one for pressure on the material (pressure pot or membrane pump). Airless spraying equipment can also be use where higher outputs are required.

A set distance should be maintained between the gun and mould surface in order to optimise film formation. In case of a very short cycle time or very low mould temperatures, we recommend blowing air onto the film or wiping it with cloth after spraying.

Device adjustment

Spray gun	Air-mix or air-spray, e. g., W 3 FZ, duo or any other air assisted equipment
Nozzle	0,3–0,5 mm Ø
Pressure on material	Approx. 0,5 – 2,0 bar
Pressure on air	Approx. 1,5 – 2,5 bar

Preliminary tests are recommended.

Storage recommendations

- Stir well prior to use!
- Keep away from sources of ignition and ensure good ventilation
- Do not store outside
- Storage temperature: 10 to 30 °C
- Shelf life from the date of manufacture: 12 months. For exact date of expiration, please consider CoA

Safety instructions

Please consult the Safety Data Sheet for summary of product hazards, personal protective measures, and emergency release procedures.

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