

High-Temperature Water-Based PU Mold Release Agent Rigid Foam Insulation Panel Demolding

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Lubekote
- Certification: ISO 9001
- Model Number: Lubekote 9580R
- Minimum Order Quantity: 25L
- Price: 1-99 USD
- Packaging Details: 25L, 200L
- Delivery Time: 5-15 working days
- Payment Terms: T/T
- Supply Ability: 20T/week



Product Specification

- Product Name: Water-Based PU Mold Release Agent
- Classification: Chemical Release Agent
- Diluent: Water
- Odor: Slight
- Application: Rigid Foam Insulation Panel Demolding
- Feature: High Temperature Resistance
- Advantage: Durable Mold Protection
- Highlight: **high-temperature PU mold release agent, water-based mold release agent, rigid foam insulation panel demolding**



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Product Description

Lubekote 9580R is a high-temperature water-based PU mold release agent designed for rigid polyurethane foam insulation panel demolding. This formulation withstands the elevated exothermic temperatures generated during rigid foam curing while maintaining a stable release film on mold surfaces. Its water-based chemistry reduces solvent emissions and supports safer, cleaner manufacturing of insulation boards and panels. The product provides dependable release, protects molds from foam adhesion, and helps preserve mold surface quality over extended production campaigns. It is the practical choice for manufacturers of construction, refrigeration, and pipe insulation panels.

Key Features

- **High Temperature Resistance:** Performs reliably under the high exothermic heat of rigid PU foam curing.
- **Water-Based Formulation:** Low VOC and low odor for a cleaner, safer production environment.
- **Durable Mold Protection:** Forms a stable film that resists foam adhesion and protects mold surfaces.
- **Reliable Release Performance:** Ensures clean, consistent demolding of insulation panels and boards.
- **Reduced Mold Maintenance:** Lowers residue build-up and extends mold service life.
- **Versatile Application:** Suitable for continuous and discontinuous panel production lines.

Technical Specifications

Parameter	Specification
Product Name	Water-Based PU Mold Release Agent
Brand Name	Lubekote
Model Number	9580R
Classification	Chemical release agent
Diluent	Water
Odor	Slight
Application	Rigid foam insulation panel demolding
Feature	High temperature resistance
Advantage	Durable mold protection

Applications

Lubekote 9580R is formulated for rigid polyurethane foam applications including construction insulation panels, sandwich panels, refrigeration insulation, and pipe insulation. It is compatible with steel and aluminum molds and applies by spray, brush, or roller. The high-temperature release film is effective in both continuous lamination and discontinuous block molding processes, where reliable release and mold surface protection are critical to productivity and panel quality.

Packaging & Quality Assurance

Lubekote 9580R is available in 25L and 200L containers with a delivery time of 5-15 working days. Each batch is tested for high-temperature stability, release performance, and consistency. Store in a cool, dry place and protect from freezing. This product is for industrial use only; avoid prolonged skin contact and rinse eyes with water immediately if contact occurs.



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