

Release W45 GB5

Description

RELEASE W 45 GB5 is a water-based release agent based on acrylic polymers added with special releasing agents.

Application

The product has been designed as a release agent for porous substrates, like Kraft paper, and it gives excellent release and unwinding properties. RELEASE W 45 GB5 is suggested for hot-melt and solvent based adhesives.

Packing

RELEASE W 45 GB5 is supplied in 200 l plastic drums or 1000 l tanks.

Storing

Keep material at temperatures between +5°C and +40°C, avoid direct sunlight/freezing. When stored for over one month, it is necessary to stir slowly the product for 10 - 15 minutes before use. Shelf life is 6 months.

Technical Specifications

Method of analysis	MU	Standard
1. Total Solids	%	45±1
3. Brookfield Viscosity 25°C	mPa.s	30 - 100 ⁽¹⁾
8. pH	pH	8 - 9
- Solvents		water

⁽¹⁾ No 1 RV; 100 RPM

Handling

The quantity to apply depends on the substrate porosity, but it is from 1 to 3 g dry/sqm. Methods: Mayer bar, Reverse Roll, Roto gravure, Air knife. It can be either thickened (acrylic thickeners) or diluted (water). During drying it is advised to heat the product for a few seconds at 150°C in order to achieve the highest properties of releasing (there is a process of self-curing) Ageing properties are excellent.