

Release W40 GB1

Description

RELEASE W 40 GB1 is a water-based release agent based on acrylic polymers added with special releasing agents.

Application

RELEASE W 40 GB1 is suggested for hot-melt and solvent based adhesives.

The product has been designed as a release agent for porous substrates, like Kraft paper, and it gives excellent release and unwinding properties.

Packing

RELEASE W 40 GB1 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	%	40±1
3. Brookfield Viscosity 25°C	mPa.s	800 - 1,200 ⁽¹⁾
8. pH - Solvents	pH	8 - 9 water

⁽¹⁾ N. 2 RV; 20 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).

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.