

Release W 45 GB 5

(Provisional)

Description

RELEASE W 45 GB5 is a waterborne release agent based on acrylic polymers containing special releasing agents.

Application

RELEASE W 45 GB5 has a controlled release power: it has been developed for hot-melt adhesives. It can be used on porous substrates, like saturated Kraft paper for masking tapes.

Technical Specifications

Method of analysis	MU	Standard
1. Total Solids	%	45±1
3. Brookfield Viscosity 25°C	mPa.s	500 - 1,500 ⁽¹⁾
8. pH	pH	8 - 9

⁽¹⁾ N. 2 RV; 20 RPM

Packaging

The product is supplied in iron drums (200 kg); IBC containers (1000 kg).

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.

Use within 6 months from production date (unopened and in the original packaging).

Handling

The quantity to apply depends upon the substrate porosity, usually 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).

We recommend heating the product for a few seconds at 150°C during drying to activate a self-curing process that will achieve the highest release power.

Ageing properties are excellent.