

Release W40 GB3

(Provisional)

Description

RELEASE W 40 GB3 is a water emulsion of special acrylic polymers, modified with special releasing additives. This version is designed to produce a high performing release coat.

Application

RELEASE W 40 GB3 can be applied on all substrates (i.e. Kraft paper for masking tape) as release agent in contact with hot-melt and solvent based adhesives.

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 | pH | 7 - 9 |
| - Solvents | | water |

① N. 2 RV; 20 RPM

Storing

Keep material preferably at temperatures between +5°C and +40°C, despite a very good freeze stability.

When stored for over one month it is necessary to stir product for 10 - 15 minutes before use. Shelf life is 6 months.

Handling

Product can be applied by Mayer-bar, knife-coating, reverse-roll, etc., eventually adjusting the quantity applied, either by simple dilution with water or thickening with polyacrylic thickeners.

Quantity to be applied depends on type of substrates and vary from 1 to 3 g dry/sqm. In general, 1,5 g dry/sqm is considered optimal.

After drying, product must cure, by self-curing mechanism, for about 30 seconds at 150°C.

Packing

RELEASE W 40 GB3 is supplied in 200 l plastic drums or 1000 l tanks.