

## Release W 40 HA5

### Description

RELEASE W 40 HA5 is a water-based release agent based on synthetic acrylic polymers compounded with additives that impart a very high water repellency.

### Application

RELEASE W 40 HA5 has been designed as a release agent for porous substrates, like Kraft paper, masking papers, non wovens, fabrics, which are supposed to be in contact with hot-melt and solvent adhesives.

### Technical Specifications

Method of analysis	MU	Standard
1. Total Solids	%	39±1
3. Brookfield Viscosity 25°C	mPa.s	500 - 900 <sup>(1)</sup>
8. pH - Solvents	pH	8.5 - 9.5 water

<sup>(1)</sup> N. 2 RV; 20 RPM

### Packaging

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

### Storing

Despite a good freeze-thaw stability, keep material preferably at temperatures between +5°C and +40°C, avoid direct sunlight. When stored for over one month it is necessary to stir the product for 10 - 15 minutes before use.

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

### Handling

Quantity to apply depends on substrate porosity: from 3 to 5 g dry/sqm (on coated paper we suggest 3 g dry/sqm). Methods: Meyer bar, Reverse Roll, Roto gravure, Air knife. It can be either thickened (acrylic thickeners) or diluted.

It is advised to heat the product for a few seconds at 150°C in order to achieve the highest properties of releasing and hydrophobicity. However results are good (but inferior) also at lower temperatures. Ageing properties are excellent.