



SWISS BRILLIANCE IN COATING

## TECHNICAL DATA SHEET

# F-19283 GALACRYL 8130 WATER-BASED COATING SEMI-MATT

Viscosity 42s DIN #4, 19s Zahn #3, 190 CPS

Water-based overprint coating on conventional printing inks for finishing paper and cardboard.  
**For Offset- Coating unit, Flexo- unit and roller coater. Inline and Offline processing.**

### 1. Application

- Packaging
- Commercial printing

### 2. Product Properties

- liquid
- milky, turbid
- low odor
- not classified as hazardous, no subject to hazardous Material Regulations

### 3. Properties of the finished product

Even, smooth and semi-matt film:

- **semi-matt**
- good adhesion to printing inks
- can be bonded
- suitable for gluing and foil stamping
- suitable for folding and creasing, depending upon substrate
- can be recycled with the de-inking procedure

### 4. Technical data

Solids content	38%
Flash point	>100°C (212°F)
Viscosity 23°C (73.4°F)	
-DIN #4 Cup;	42 ± 5s
-Zahn #3 Cup;	19s ± 4s
-Centipoises;	190 CPS

### 5. Further processing

- Preliminary tests are imperative.

### 6. Coating preparations

- Stir well before use.
- Check machine for cleanliness.

### 7. Processing

7.1 Use in coating presses

### 7.2 Method of application

- Roller application
- Chamber blade application

### 7.3 Amount applied

- 4 – 5 g / m<sup>2</sup> wet (as supplied)

### 7.4 Dryers

- IR heaters / hot air
- A combination of IR heaters and hot air has proved to be the most effective method.

### 7.5 Machine speed

- Depending on the capacity, on the state of the dryer system, on the substrate, and on the amount applied.

### 7.6 Cleaning

- Rinse with water after use.
- Remove dried residues with suitable cleaning agent.
- If machine stopped, rollers must continue running to prevent the varnish from drying.

### 7.7 Stacking Behavior

- Check temperature and flatness of stacks at delivery end.

### 8. Packs

Canister	25 kg (6.6 gallon, 55.12 lb)
Drum	200 kg (55 gallon, 440.93 lb)
Tote	1000 kg (275 gallon, 2204.62 lb)

### 9. Safety precautions

- Refer to our Safety Data Sheet Galacryl 80.348.05 complying with Regulation 1907/2006/EC and observe warnings on packs.

## FOOD STUFF AND OTHER SENSITIVE PACKAGING:

The legal requirements applying to the manufacture of food packaging must be observed.

The finished packaging must be suitably tested for food safety in an accredited test laboratory before being marketed.

**Please refer to "General technical information for GALACRYL<sup>®</sup> overprint varnishes".**

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The information contained in this publication is correct to the best of our knowledge and belief. No liability can be accepted on our part. Given the many different applications and processing methods, you should always conduct your own tests on our products before commencing production.

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