



PennWhite

Finasil® G+
heat set web offset emulsion

technical data sheet

printing emulsions

Finasil® G+ is a unique silicone emulsion with exceptional stability, high slip and superior resistance to mechanical shear at very high press speeds. **Finasil® G+** includes an anti-static agent to help eliminate static charge, whilst it improving the texture and optical brightness of the printed surface. **Finasil® G+** provides a perfect coating of silicone and optimal remoistening of the web imparts remarkable protection, high slip and faultless delivery for both folder and stacker.

Finasil® G+ has been specially formulated to use on high-speed printing presses without accumulation of deposits on guides and rollers. **Finasil® G+** also offers:

- Improved wetting of applicator rollers, resulting in more uniform distribution of silicone onto the printed web, and reduced 'fly-off' of emulsion droplets.
- Reduced viscosity, to assist accurate dilution using proportional dosers, and more efficient drainage of containers, to reduce wastage.
- A frost-stable concentrate, avoiding the risk of spoilage due to freezing during winter.

TYPICAL PROPERTIES

Appearance:	Cream-white opaque liquid
pH (neat):	7 (approx)
Density:	0.99 Kg/litre
Application Dilution:	5 – 20%
Brookfield Viscosity (20°C)	15cps (approx)

APPLICATION

Finasil® G+ should be dosed to clean water feeding the applicator rollers following the chilling/set stage of printing. Dosage rate will depend upon ink quality, paper type and print speed.

Dilutions of **Finasil® G+** should not be stored in the applicator bath for more than 72 hours as impurities returned from the applicator rollers may adversely affect stability.

PACKAGING

Finasil® G+ is supplied in 25kg, 200kg and 1000kg containers.

(OPA2/F2) TDS: 164 Issue: 03 Revised: 12/03/2014 Page 1 of 1

For additional technical or safety advice call us on 01606 734820 or email info@pennwhite.co.uk

PennWhite Print Solutions Ltd
Aston Way
Midpoint 18 Business Park
Middlewich, CW10 0HS

Telephone: +44 (0)1606 734820
Fax: +44 (0)1606 837867
Email: info@pennwhite.co.uk
Website: www.pennwhite.co.uk

