



PennWhite

Finasil® S65
heat set web offset emulsion

technical data sheet

printing emulsions

Finasil® S65 is a unique silicone emulsion concentrate with exceptional stability, high slip and superior resistance to mechanical shear at very high press speeds. Once diluted, in use **Finasil® S65** provides a perfect coating of silicone for optimal remoistening of the web. This imparts remarkable protection, high slip and faultless delivery for both folder and stacker.

Finasil® S65 has been specially formulated to use on high-speed printing presses without accumulation of deposits on guides and rollers. **Finasil® S65** 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

Finasil® S65

Appearance:	Cream-white opaque liquid
pH (neat):	7 (approx)
Density:	0.99 Kg/litre
Application Dilution:	5 – 20%
Brookfield Viscosity (20°C)	150cps (approx)

APPLICATION

Finasil® S65 is 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, but a guide is given in the table above.

Dilutions of **Finasil® S65** 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® S65 is supplied in 25kg, 200kg and 1000kg containers.

(OPA2/F2)

TDS: 192

Issue: 01

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**For additional technical or safety advice call us
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