

technical data sheet

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

Description

Finasil® G+ is a polydimethylsiloxane (silicone) based emulsion.

Application

Finasil® G+ is formulated to provide exceptional stability, high slip and superior resistance to mechanical shear on high-speed heat-set web-offset printing presses without accumulating deposits on guides and rollers. Finasil® G+ includes an anti-static agent to help eliminate static charge, whilst improving the texture and optical brightness of the printed surface.

Product Features

Finasil® G+ 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. It delivers improved wetting of applicator rollers, resulting in more uniform distribution of silicone onto the printed web, and reduced 'fly-off' of emulsion droplets. The reduced viscosity of Finasil® G+ assists accurate dilution using proportional dosers, and more efficient drainage of containers. Finasil® G+ is a frost-stable concentrate able to withstand a range of storage conditions without spoilage.

Method of Use

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 and should be determined by trial. 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 its stability.

Toxicity & Handling

Finasil® G+ is not classed as hazardous under current CLP regulations. Full details are available in the applicable Safety Data Sheet.

Storage, Shelf Life & Packaging

Finasil® G+ has a shelf life of 12 months when stored in original and unopened containers between 5°C and 30°C. It is available in 25kg, 200kg and 1,000kg packs.

Typical Properties

- Appearance: White emulsion
- Solids: 46.0 – 50.0 %

Please note; these are typical properties only and should NOT be construed or used as a specification for this product.

Technical Support Contact Details

Telephone: +44 (0)1606 734820

Fax: +44 (0)1606 837867

Email: info@pennwhite.co.uk

Website: www.pennwhiteprint.co.uk