

Technical Information

Article-No.: 15640-923

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FOLCO[®] AQUASCREEN FS 10 - 923 SD LACK MATT

General information

Typ of product	Water based product based on synthetic resin emulsion.
Field of Application	FS 10 - 923 SD is a mat lacquer and is suitable for printing on paper, non woven and vinyl wallpapers using the rotary screen printing process.
Properties	<ul style="list-style-type: none">• forms a transparent, mat film after drying• good adhesion to paper, non woven and vinyl wallpapers• high migration resistance• high thermo stability• suitable for embossing and hot embossing• long open time• it does not release any unpleasant odours <p>Generally, printing results such as print-out, colouring, adhesion, abrasion resistance and water proofness are very good, however, they can be influenced by the printing material.</p>

Characteristics

Viscosity:	approx. 40 dPas (Thermo Haake VT 2 plus, MK1 at 20°C)
pH-value:	7 – 9
Solid content:	approx. 22%

Further properties

Washing Values:	With the product printed on paper, non woven and vinyl wallpaper can be reached high washing values (symbol 3 waves) according to EN 12956.
Temperature stability:	The product is usable under the usual conditions for vinyl wallpaper.
Others:	Basic material and processing conditions can affect the properties. Therefore, we recommend that basically self-audits of the properties be achieved on the finished products.

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Introductions for use

Printing Viscosity:	The viscosity could be adjusted by adding water.
Processing Technology:	Screen printing method.
Speed:	The possible printing speed depends on the printing material, type of machines, temperature and the air condition in the channel.
Drying:	For getting a sufficient film formation of the product we recommend drying temperature of 130°C.
Cleaning:	Use water for cleaning, if necessary adding a commercial-ly available screen cleaning agent. The screens should not get too dry.

Additional advices

Safety advice	Safety data sheet should be observed by products dealing.
Storage	Should be stored at temperatures between +5°C and +25°C. When kept in unopened original containers the product can be stored for 6 month. The storage life is reduced as a result of contamination and thinning. Consequently the usability of printing inks taken from opened containers and residual inks must be checked before use. The product have to be stirred well before use.

This data sheet replaces all former technical information.

Last change: 07.01.2015

The characteristic values required for the product to be released are checked by our quality control department at the time of production; these values may change in line with storage conditions and periods and may be higher or lower than the specified limit values.

The advice we provide on the application of our products is based on extensive development work and many years of experience and is given to the best of our knowledge. However, the wide variety of requirements on site under the most diverse conditions mean that it is necessary for the processor to test the product for its suitability in any given case. We reserve the right to make changes in keeping with technical developments or improvements to our products. The agreed product characteristics are exclusively as set out in this technical information sheet. Any further agreements on product characteristics must be made in writing to be valid. This applies in particular with regard to the product's suitability for a specific purpose.