

Technical Information

Article-No: 15640-634

FOLCO® AQUASCREEN FS 10 - 634 SD PERLGLANZ

General information

Type of product	Aqueous product based on synthetic resin dispersion.
Field of Application	FS 10 – 634 SD PERLGLANZ is suitable for printing on paper, non- woven and vinyl wallpapers using the rotary screen printing process.
Properties	<ul style="list-style-type: none">• good adhesion to paper, non-woven and vinyl wallpapers• high migration resistance• high heat resistance• suitable for embossing and hot embossing• long open time• odoursless <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 at delivery	approx. 25 dPas Haake VT 2 plus, MK1 at 20 °C
pH-value	7 – 9
Solid content	approx. 28%

Further properties

Light fastness	WS 6 – 7
Washing Values (EN 12956)	With the product printed on paper, non woven and vinyl wallpaper can be reached high washing values (symbol 3 waves).
Temperature stability	The properties are stabile by usual processing conditions for vinyl wallpapers.
Others	Substrate 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 printing viscosity can be reduced by adding water. Increasing of the viscosity could be done by adding of FOLCO® VERDICKER 5196 . Pay attention to the technical information.
Retarder	The drying of the product can be retarded by adding of FOLCO® VERZÖGERER 1073 . Pay attention to the technical information.
Processing Technology:	The rotary screen printing process. Selecting the screen type consider the pigment particle size of 60 µm.
Printing speed	The achievable printing speed depends on the printing material, type of machines, temperature and the air condition in the channel.
Drying	For the sufficient film forming of the product we recommend the min. drying temperature 130°C.
Cleaning	With water, eventually could be used a stencil cleaner. The cylinders should not get too dry.

Additional advices

Safety advice	While handling the product please attend to the information in the safety data sheet.
Storage	<p>Under the temperatures between +5 °C and +25 °C the product is storable within 6 months.</p> <p>The storage life could be impaired as a result of contamination and thinning. The usability of the product taken from opened containers must be consequently checked before use.</p> <p>The product have to be stirred well before use.</p> <p>Due to high density of the effect printing inks they tend to pigment sedimentation. However the product quality is not influenced. We recommend to stirr the product well before use and viscosity adjustment.</p>

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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.