

# Technical Information

Article-No.: A564-E91

## FOLCO® AQUASCREEN FS 10 – 6393 TD LUXURY TWINKLE

### General information

Type of product	Water based product based on synthetic resin dispersion.
Field of Application	The product is suitable for printing on paper, non- woven and vinyl wallpapers using the gravure printing process.
Properties	<ul style="list-style-type: none"><li>• good adhesion to paper, non-woven and vinyl wallpapers</li><li>• high migration resistance</li><li>• high heat resistance</li><li>• suitable for embossing and hot embossing</li><li>• odoursless</li></ul> <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. 45 s DIN 6mm / 20°C
pH-value	7 – 9

### Further properties

Light fastness	WS 6 – 7
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.

### 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 3061. Pay attention to the technical information.

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### Introductions for use

Processing Technology:	The Product can be used in gravure printing method. For getting of good printing properties we recommend to use suitable gravure printing cylinder shape and size. During the printing process the product should be circulated in container, so that it doesn't come to the mixture of binding agent and spangle pigment. Selecting the screen type consider the pigment particle size of 200 µm.
Printing speed	The possible 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 product should not get too dry.

### Additional advices

Safety advice	While handling the product please attend to the information in the safety data sheet.
Storage	Under the temperatures between +5°C and +25°C the product is storable 3 months. 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. The pigments tend to sedimentation because of the high density, but this not influences the quality of the product. The product has to be stirred well before use.

This data sheet replaces all former technical information.

Last change: 12.11.2014

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.