

Technical Information

Article-No.: 15690-007

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FOLCO® AQUAFLEX FTD 9023 Glimmerverschnitt

General information

Type of product	Aqueous product based on synthetic resin dispersion.
Field of Application	FTD 9023 Glimmerverschnitt is after adding of pearlescent or glitter pigments suitable for printing on vinyl wallpapers using the gravure printing process.
Properties	<ul style="list-style-type: none">• forms a transparent clear film after drying• good adhesion to vinyl wallpapers• high migration resistance• high thermo stability• suitable for embossing and hot embossing• 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. 60 - 100 seconds DIN 4 mm/20°C
pH-value	7 - 9

Further properties

Washing Values	With the product printed on paper, vinyl wallpaper can be reached high washing values (symbol 3 waves) according to EN 12956.
Temperature stability	The product is usable for vinyl wallpaper printed under the usual conditions.
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 printing viscosity can be adjusted by adding water.
Processing technology:	Product can be used in gravure printing method. The glitter or pearlescent pigment has to be stirred homogeneously before printing the product. For getting of good printing properties we recommend to use hexagonal polyester glitter and the gravure printing cylinder with calotte-shapes. The diameter of the shapes should have be at least 10% greater as the diameter of the glitter diameter During the printing process the product should be rotated in container in order to avoid the segregation of binder and pearlescent pigment.
Speed	The possible printing speed depends on the printing material, type of machines, temperature and the air condition in the channel.
Drying	For a sufficient film forming of the product we recommend the drying temperature of min. 130°C.
Cleaning	With water, eventually could be used a stencil cleaner. The product should not get too dry.

Additional advices

Safety advice	While dealing with the product please attend the information in the safety data sheet.
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 has to be stirred well before use.

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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.