

preliminary Technical Information

Art-No.: 1531-E30

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FOLCO[®] RELIEFPASTE DFP 526/53 effect-structure basis

General information

Type of product: Compact water based printing paste based on plastic dispersions with added transparent structured filler.

This article is just an experimental Product with preliminary indices which could be vary.

Field of Application: DFP 526/53 is suitable for the production of paper and non-woven wallpapers in screen printing method.

Properties:

- creates transparent structured surfaces
- good mechanical resistance
- good adhesion

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.

Characteristics

Viscosity: ca. 50-80 dPa`s
(Thermo Haake VT 2 plus, MK1 at 20 °C)

Further Characteristics

Washability (EN 12956): With the product is the high washability value (according to the symbol 3 waves) is on paper and nonwoven obtainable.

Light fastness: 6 - 7

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.

Introductions for use

Printing Viscosity: The product can be adjusted with water to get the required print viscosity.

Coloring: The product can be colored with our heat resistant basic inks of the series FOLCO[®] AQUASCREEN FS 10.

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Printing method:	The product is suitable for screen printing method. By choosing cylinder or stencils the filler particle size of 300µm should be considered. Applicable printing forms should be found out by pilot experiments. Consider the relatively high drying speed of the product.
Drying:	The drying of the product should be preferably carried out in an air recirculation dry channel at temperatures of 100°C - 140°C. To avoid cookers and rips you may not dry too fast. The attitude of the dryer is dependent on print speed, order quantity and length of the channel and must be found out individually.
Speed:	The possible printing speed depends on the printing material, type of machines, temperature and the air condition in the channel.
Cleaning:	With water, eventually by adding of a commercially available stencil cleaner. The surface drying of the stencils must be avoided.

Additional advices

Safety instructions:	While dealing with the product the instructions in the safety data sheet have to be observed.
Storage:	Should be stored at temperatures between +5°C and +25°C. When kept in unopened original containers the product can be stored for 3 months. The storage life could be impaired as a result of contamination and thinning. Consequently the usability of the product taken from opened containers must be checked before use. The product has to be stirred well before use.

This data sheet replaces all former technical information.

Last change: 05/01/2015

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.