

# Technical Information

Article-No: 15640

## FOLCO® AQUASCREEN FS 10 Basic Ink System

### General information

- Type of product: Water-based basic ink system, binderless.
- Field of application: The highly concentrated basic ink system FOLCO® AQUASCREEN FS 10 is suitable for colouring the white and transparent products, as well as the extenders FOLCO® AQUASCREEN FS 10 for the fabrication of paper, non- woven and vinyl wallpapers.
- Properties:
- brilliant colors
  - high color intensity

### Characteristics

- Viscosity at delivery: approx. 25 dPas (Haake VT 2 plus, MK1 at 20 °C)

### Further properties

basic range:

Product name	Temperature stability 1 min.*	Light fastness in WS*	Product number
FS 10 - 104 GELB-RÖTLICH	200°C	5	15640-104
FS 10 - 120 GELB-GRÜNLICH	200°C	7 - 8	15640-120
FS 10 - 203 ORANGE	120°C	4	15640-203
FS 10 - 214 MAGENTA	200°C	6 - 7	15640-214
FS 10 - 218 ROT-BLÄULICH	200°C	7	15640-218
FS 10 - 229 ROT-GELBLICH	200°C	7	15640-229
FS 10 - 239 CARMIN	200°C	6 - 7	15640-239
FS 10 - 301 VIOLETT	200°C	6 - 7	15640-301
FS 10 - 303 BLAU-GRÜNLICH	200°C	7 - 8	15640-303
FS 10 - 401 GRÜN	200°C	7 - 8	15640-410
FS 10 - 700 WEISSPASTE	200°C	8	15640-700
FS 10 - 801 SCHWARZ	200°C	8	15640-801

\* full tone/bibliographical reference of the pigment producers

- Others: Substrate material and processing conditions can affect the properties. Therefore, we recommend that basically self-audits of the properties to be achieved on the finished products.

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## FOLCO<sup>®</sup> AQUASCREEN FS 10 Basic Ink System

### Introductions for use

- Mixing:** While mixing the products please attend to the homogenization. In case of colouring a product which doesn't belong to the FS 10 – series, the compatibility must be checked before use.
- Cleaning:** With water, in addition of commercial cleaners for printing inks. The products should not get too dry on the screens.

### 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 products are storable 6 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 printing inks must be stirred thoroughly before they are removed from the containers.

This data sheet replaces all former technical information.

Last change: 08.05.2015

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.