

## ISONIK® FI-P200

High performance post-treatment for fastness improving of inkjet pigment printing on textiles.

<b>Nature</b>	Polymers emulsion
<b>Appearance</b>	Low viscosity, milky white liquid
<b>Ionic nature</b>	Weakly anionic
<b>pH</b>	5,0-7,0
<b>Density</b>	1.15 - 1.35 g/l
<b>Dispersibility in water</b>	Complete at any rate
<b>Foaming</b>	Moderate
<b>Storage stability</b>	12 months. Store between 5 and 30°C.
<b>Stability of solutions</b>	Avoid keeping the ready-to-use padding liquor for more than 48 hours.
<b>Compatibility</b>	Not intended to be combined with other auxiliaries. Possible with non-ionic compounds.

### Product description



ISONIK FI-P200 is a post-treatment auxiliary for textiles printed with pigment-based inks.

ISONIK FI-P200 enhance the bonding of pigments to the fibers, improving following performances:

- Rubbing fastness,
- Washing fastness,
- Increase of fixation and general fastness.

Additional features:

- Minimal impact on fabric hand feel,
- Improvement of color brilliancy and yield,
- Moderate film and residual formation on equipment,
- Moderate foaming,
- Easy-to-use at any temperature.

## Instructions

### Bath preparation

ISONIK FI-P200 can be added by mild stirring in cold water.

The use of soft water is highly recommended.

Recommended usage is 100-500 g/l of product, depending on the textile type and desired balance between hand feel and fastness performances.

Please contact Isocarbo technical service for recommendation on the correct bath recipe composition to suit the article to be printed and to match the desired effects.

### Application

ISONIK FI-P200 is applied by padding with pick-up 70-90%, or by spraying with pick-up 50%, accordingly on the fabric type.

### Drying & Curing

ISONIK FI-P200 must be dried and cured for min. 3' at 155°C.

Best performances are given with a single final curing, avoiding intermediate curing immediately after printing.

### Storage

ISONIK FI-P 200 is stable in its original unopened containers, stored between 5 and 30°C.

The shelf life is of 12 months.

Avoid direct exposure to sunlight and frost/thaw conditions.

#### DISCLAIMER

The information included in this document are based on the actual experience and knowledge and they are not intended to be exhaustive. This product is for professional use only. Any product usage other than those specifically recommended with no further confirmation by Isocarbo is at one's own risk. Isocarbo guarantees that all given instructions about ISONIK FI-P200 are correct. Isocarbo has no control over either the quality or the conditions of the substrate or factors that may affect ISONIK FI-P200 performance. Isocarbo Srl strongly recommends that extensive preliminary tests are performed, in order to evaluate any unexpected product behavior. Unless otherwise approved in writing, Isocarbo shall not be liable for any different performance, loss or damage due to unaccepted use of ISONIK FI-P200. Isocarbo ensures its commitment to ongoing product development and improvement; hence the content of this technical sheet is susceptible to changes.