

Ecotex White 2045

Code 163712

PRODUCT DESCRIPTION

Water-based white ink for textile printing.

APPLICATION FIELDS

Textile direct printing. These inks are indicated for manual, plain and roto flat-bed printing.

APPLICATION PROCESS

Substrates	<ul style="list-style-type: none"> Cotton 100% <p>The substrates can be white or colored</p>
Th/cm	Max: 55 Th/cm (140 Th/inch)
Emulsion	<ul style="list-style-type: none"> <i>Rotopoligel</i> (cylinders) <i>Quadrex</i> (screens) <i>Zero-In Universal Plus</i> (screens)
Squeegee	Squeegee edge and hardness depending on the desired final effect
Curing	150°C for 3 minutes
Thinner	In case, max 3% water
Thickening Agent	In case, max 1–2% <i>Texilac Addensante 346 New</i>
Retarder	<ul style="list-style-type: none"> 5% <i>Texilac Ritardante</i> 5% <i>Texilac Ritardante Gel</i>
Fixing Agent	In case, 3% <i>Vernice 160</i>
Cleaning	Water or <i>Screenclean ST</i>
Storage	<ul style="list-style-type: none"> Away from direct sunlight At a temperature between 15-35°C
Package	50 kg
Safety Data Sheet	Available upon request

GENERAL FEATURES

- Good opacity
- Soft touch
- High printability
- It can maintain the white overprinting, in case that the fabric is dyed with reactive and direct dyes

PREPARATION

Ready-to-use ink.

If an increase in general fastness is required, it is possible to add 3% *Vernice 160*.

The possible addition of *Texilac Ritardante* or *Texilac Ritardante Gel* is recommended in case of long printing runs only, in order to increase the ink stability during the printing process.

APPLICATION

For the best colour opacity and brightness, during printing, it is recommended to adjust the out of contact and the pressure of the squeegee at their best, in order to obtain an ink film that can remain onto the surface of the substrate.

CURING

Curing must take place into oven at 150° C for 3 minutes. Time and temperature must be optimized by the customer, depending on the kind of printing and substrate. In any case, they mustn't be lower than the above-recommended ones.

NOTE:

If it is printed onto cotton, *Ecotex White 2045* is able to maintain the white overprinting, even when the fabric is dyed with reactive and direct dyes.

For an optimum result, it is recommended to:

- Carefully cure the printings



SPECIAL INSTRUCTIONS

- Always test the printing characteristics, before starting production.
- Always check curing conditions. The addition of additives could require a different curing time.
- The printings resist home washing for delicate clothes up to 40°C.
- The printings do not resist dry cleaning.

EQUIPMENT

Indicated for manual, plain and roto flat-bed printing.

IMPORTANT NOTE

The information given in this technical sheet is not intended to be exhaustive and any person, using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us to the suitability of the product for the intended purpose, does so at his own risk.

While we endeavour to ensure that all advice we give about the product is correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product.

Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage arising out of the use of the product.

The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.