

# Ecotex Concentrated

Codice 163701

## PRODUCT DESCRIPTION

Water-based transparent ink for textile printing. This product must be mixed with water and ammonia before use.

## APPLICATION FIELDS

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

## APPLICATION PROCESS

<b>Substrates</b>	<ul style="list-style-type: none"> <li>• Cotton 100%</li> <li>• Cotton mixed with synthetic fibres</li> </ul> <p>The substrates may be white or dyed with pastel colours</p>
<b>Th/cm</b>	Max. 100 (260 Th/Inch)
<b>Emulsions</b>	<ul style="list-style-type: none"> <li>• Rotopoligel (cylinders)</li> <li>• Quadrex (screens)</li> <li>• Zero-In Universal Plus (screens)</li> </ul>
<b>Squeegee</b>	Depending on the desired effects
<b>Preparation</b>	<i>Ecotex Concentrated</i> – Water (ratio 1:4) – 0,5% ammonia
<b>Curing</b>	150°C for 3 minutes
<b>Pigments</b>	<i>Texilac Colouranti</i> (max 5%) <i>Ecotex P Pigments</i> (max 5%)
<b>Retarder</b>	5% <i>Texilac Retarder</i> 5% <i>Texilac Retarder Gel</i>
<b>Fixing agent</b>	In case, 3% <i>Vernice 160</i>
<b>Cleaning</b>	Acqua o <i>Screenclean St</i>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Away from direct sunlight</li> <li>• At a temperature between 15-35°C</li> </ul>
<b>Package</b>	5 Kg and 50 Kg
<b>Safety Data Sheet</b>	Available upon request

## GENERAL FEATURES

- It allows the easy and quick preparation of printing pastes to be used on bright fabrics
- Very bright colours
- It allows the reduction of storage spaces and a high cost reduction

## PREPARATION

Dilute *Ecotex Concentrated* with the ratio 1:4 with water. The hand mixing is easy. Add about 0,5% ammonia, still by mixing, in order to add the viscosity of about 20.000 cPs.

The mixture is stable during time and ready to use.

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.

This ink is indicated for wet-on-wet printing.

## 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.

## SPECIAL INSTRUCTIONS

- Always test the printing characteristics, before starting production.
- Always check curing conditions. The addition of additives could require a different curing time.

## EQUIPMENT

Indicated for manual, plan 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.