

# No Dry white Water Based C

Code K71102

## PRODUCT DESCRIPTION

Water based ink for textile printing on dark fabrics.

## APPLICATION FIELDS

Direct textile printing. For ready-to-wear or pre-cut articles.

## APPLICATION PROCESS

<b>Substrates</b>	<ul style="list-style-type: none"> <li>• Cotton 100%</li> <li>• Cotton mixed with synthetic fibres</li> <li>• The substrates may be white or dyed</li> </ul>
<b>Th/cm</b>	<ul style="list-style-type: none"> <li>• Max: 34 Th/cm (90Th/inch)</li> </ul>
<b>Emulsion</b>	<ul style="list-style-type: none"> <li>• See reference table</li> </ul>
<b>Squeegee</b>	<ul style="list-style-type: none"> <li>• Square edge</li> <li>• Hardness according to the desired effect</li> </ul>
<b>Curing</b>	<ul style="list-style-type: none"> <li>• 150/160°C for 3/2 minutes</li> </ul>
<b>Auxiliaries</b>	<ul style="list-style-type: none"> <li>• See "Auxiliaries for water-based products" data sheet.</li> </ul>
<b>Cleaning</b>	<ul style="list-style-type: none"> <li>• <b>Screenclean ST</b></li> </ul>
<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>Safety Data Sheet</b>	<ul style="list-style-type: none"> <li>• Available upon request</li> </ul>

## GENERAL FEATURES

- High printability and stability in the screen
- Quite good opacity
- Excellent elasticity
- Soft touch
- Formaldehyde, phthalates, and heavy metals free.

## PREPARATION

Ready-to-use ink.

Before use, homogenize the product and check for uniformity.

## 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.

The opacity is affected by the type of design, number of th/cm of the frame, squeegee, pressure, and printing speed.

## CURING

Curing must take place at 150°C – 160°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 longer curing time.
- Squeegees, screens and cases, that are used with other ink series, must be cleaned well, in order to avoid any possible contamination and to grant eco-labelling specifications.
- Always test the characteristics of the print, before proceeding to production.

## EQUIPMENT

Suitable for use on automatic, semi-automatic and manual machines.

## 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.

## WARNING

This technical data sheet does not replace either the Safety Data Sheet or the specific Conformity Declaration. These documents may be required to our SHEQ (Product safety office), at the following e-mail address: [safety@eptainks.com](mailto:safety@eptainks.com)

The technical data sheet does not relieve the printer, who remains the only responsible of the respect of the regulations, the specifications and the related required certifications of the finished items.