



Textile Printing



# TEXILAC MONO A FREDDO

Code N° 167---

## PRODUCT DESCRIPTION

Series of water-based OPAQUE and SELF-CURING inks for textile printing. Matt finishing

## APPLICATION FIELDS

Textile direct printing. For ready-to-wear and pre-cut articles.



## APPLICATION PROCESS

<b>Substrates</b>	<ul style="list-style-type: none"> <li>Cotton 100%</li> </ul> The substrates may be white or coloured
<b>Th/cm</b>	Max. 43 (110 Th/inch)
<b>Emulsion</b>	<ul style="list-style-type: none"> <li>ZERO - IN ASTRA</li> <li>ZERO - IN UNIVERSAL PLUS</li> </ul>
<b>Squeegee</b>	Square edge Squeegee hardness 60 - 65 Shores
<b>Curing</b>	Room temperature for 72 hours
<b>Thinner</b>	In case, max 2% Water
<b>Thickening agent</b>	In case, max 1% <b>TEXILAC ADDENSANTE 346 NEW</b>
<b>Retarder</b>	In case, max 3% <b>TEXILAC RITARDANTE</b>
<b>Fixing agent</b>	In case, 2% <b>ECOTEX FIX 50</b>
<b>Pigments</b>	<ul style="list-style-type: none"> <li><b>TEXILAC COLORANTI (max 5%)</b></li> <li><b>ECOTEX P PIGMENTI (max 5%)</b></li> </ul>
<b>Cleaning</b>	Water or <b>SCREENCLEAN ST</b>
<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>	See the <b>PRODUCT RANGE</b> table
<b>Safety Data Sheet</b>	Available upon request

## GENERAL FEATURES

- Excellent opacity
- They do not require curing into oven
- MONOCOMPONENT inks, which can be addend if high general fastness is required or for low adhesion fabrics
- Bright chromatic range
- Formaldehyde-free

## PREPARATION:

Ready-to-use inks.

The possible addition of **TEXILAC RITARDANTE** may require a longer curing time at room temperature and reduce the general fastness.

The addition of **ECOTEX FIX 50** (2%) is necessary when the achievement of the maximum general fastness is desired.

The ink, when hardened with **ECOTEX FIX 50** has a pot-life of 8-12 hours. After this period, the ink may be hardened again.

**TEXILAC MONO A FREDDO TRASPARENTE** and **TEXILAC MONO A FREDDO BASE PER COLORATI** may be pigmented with **ECOTEX P PIGMENTI** or **TEXILAC COLORANTI**.

The colours of the series are all mixable among them in every ratio. However, it is recommended not to mix more than 3 bases.

## 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.

These inks are not indicated for wet-on-wet printing.

## CURING:

**TEXILAC MONO A FREDDO** achieves washing fastness at 40°C after about 72 hours at room temperature.

A passage of the dry printing into oven at 100°C allows to obtain an increase in the general fastness.



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### SPECIAL INSTRUCTIONS

- Always test the printing characteristics, before starting production.
- Always check curing conditions. The addition of additives could require a longer curing time.
- These inks do not resist dry clearing and bleaching.
- **TEXILAC MONO A FREDDO** may not be mixed with the other **TEXILAC** series or water-based inks.

### PRODUCT RANGE

#### 15 BASE COLOURS:

CODE	TEXILAC MONO A FREDDO	PACKAGE
167612	GIALLO LIMONE	1 Kg
167613	GIALLO CROMO	1 Kg
167617	ARANCIO	1 Kg
167608	ROSSO	1 Kg
167610	VERDE	1 Kg
167603	VERDE VITTORIA	1 Kg
167605	BLU OLTREMARE	1 Kg
167621	BLU BRILLANTE	1 Kg
167604	BLU ESPERIA	1 Kg
167626	BLU NAVY	1 Kg
167676	BLU SCURO	1 Kg
167602	VIOLETTO	1 Kg
167606	MARRONE	1 Kg
167624	NERO	1 Kg
167611	CERISE	1 Kg

#### 2 WHITES:

CODE	TEXILAC MONO A FREDDO	PACKAGE
167601	BIANCO	1, 5 and 50 Kg
167891	BIANCO EXTRA 08	1, 5 and 50 Kg

#### 1 BASE:

CODE	TEXILAC MONO A FREDDO	PACKAGE
167690	BASE PER COLORATI	1, 5 and 50 Kg

#### 1 TRANSPARENT:

CODE	TEXILAC MONO A FREDDO	PACKAGE
167600	TRASPARENTE	1, 5 and 50 Kg

### EQUIPMENT

Indicated for using onto 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@kijan.it](mailto:safety@kijan.it)

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.