

Texilac Aps Trasparente

Code 168750

PRODUCT DESCRIPTION

Water-base transparent ink for textile printing.

APPLICATION FIELDS

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

APPLICATION PROCESS

Substrates	<ul style="list-style-type: none"> Cotton 100% Cotton mixed with synthetic fibres <p>The substrates may be white or dyed with pastel colours</p>
Th/cm	Max: 100 Th/cm (260 Th/inch)
Emulsion	<ul style="list-style-type: none"> <i>Zero-In Astra</i> <i>Zero-In Universal Plus</i>
Squeegee	Squeegee edge and hardness depending on the desired final effect
Curing	<p>Not Hardener: 140°C - 150°C for 3 Minutes.</p> <p>Hardener with 0,3% di <i>Texilac Catalizzatore Aps N</i>: room temperature for 72 hours</p>
Hardener	In case, 0,3% <i>Texilac Catalizzatore Aps N</i>
Thinner	In case, max 5% Water
Thickening Agent	In case, max 1% <i>Texilac Addensante 346 New</i>
Pigments	<ul style="list-style-type: none"> <i>Texilac Coloranti</i> (max 5%) <i>Ecotex P Pigmenti</i> (max 5%)
Retarder	3% <i>Texilac Ritardante Gel</i>
Fixing Agent	In case, 2% <i>Ecotex Fix 50</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
Safety Data Sheet	Available upon request

GENERAL FEATURES

- Very soft touch
- High printability
- Indicated for four-colour process printing
- Excellent wet-on-wet printability
- If hardened, it doesn't require curing into oven



PREPARATION

Ready-to-use ink.

If an increase in the general fastness is desired, it is possible to add 2% *Ecotex Fix 50*.

The addition of *Texilac Catalizzatore Aps N* (0,3%) allows room temperature curing after 72 hours. The mixture pot-life is about 8-12 hours. This duration may vary depending on the printing environmental conditions: high temperature and humidity may reduce it.

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.

If the ink has been hardened with *Texilac Catalizzatore Aps N* (0,3%), curing takes place after 72 hours at room temperature.

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.

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@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.