

## Serie

### Series

# DECORLAC

<b>Applications</b>	Suitable for printing on natural fabrics, but also on "non-natural" fabrics with a basis of synthetic fibres that may get altered at high temperatures. Good adhesion also on polyester, acrylic, triacetate fibres.
<b>Main features</b>	<p><b>One and two component water based ink.</b></p> <p>Decorlac is a lacquer with a basis of a copolymer which cross-linking at room temperature, formulated for screen printing on fabrics. It is supplied in a very thick paste.</p> <p><b>The printed film is glossy, highly opaque and it shows good elasticity.</b></p> <p>Decorlac is a thixotropic product, therefore a prolonged storage might increase the viscosity. The lacquer turns to its original viscosity not by dilution but by simple stirring. If the ink is still too thick, it is recommended to use Decorlac thinner in a ratio of 2/3%.</p>
<b>Outdoor resistance</b>	Not suitable to long-term outdoor exposure prints (3-5 years).
<b>Mechanical and chemical solidity</b>	<p>Excellent resistance to washings (not dry-washings). Good elasticity.</p> <p>In order to increase fabric resistance when wet (e.g. rubbing and machine washes), it's recommended to add the crosslinker <b>Catalizzatore per IA</b> in a ratio of 1%. The complete polymerisation of the ink is at 110°C.</p>
<b>Drying process</b>	<p>60-70% in few hours, the remaining 30-40% after 7 days.</p> <p>The polymerization time increases with high humidity. At 80°C temperature this process is much faster.</p>
<b>Colour range</b>	<p>Please refer to the <b>Decorlac</b> color charts.</p> <p><b>The fluorescent shades are ready to use.</b></p>
<b>Auxiliaries and additives</b>	<p><b>The Decorlac series is ready for use.</b></p> <p>If it's necessary to be diluted, you may add the <b>Diluyente Decorlac</b> in a ratio of 2/3%.</p> <p>To increase the dishwashing resistance we suggest to add the <b>1% of hardener Catalizzatore per IA</b>.</p> <p>To reduce the temperature of drying, we suggest to add the <b>1% of Reticolante additive</b>.</p>
<b>Ink removal</b>	<p>Water</p> <p>DACS solvent ( only for catalyzed mesh )</p> <p>Lavaggio telai solvent ( only for catalyzed mesh )</p> <p>Aprimaglia Spray ( only for catalyzed mesh )</p>

#### EXPIRATION:

The expiration date greatly depends on the formulation with which the ink is produced, on the reactivity but also on the temperature and place of storage.

2 years from the date of production, if the containers are perfectly closed, if stored in a dark environment, at a temperature of 15-25°C.

If the temperature exceeds the recommended temperature or the containers are not perfectly closed, the deadline is drastically reduced.

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## CLASSIFICATION:

Before using **SERIES DECORLAC** ink, consult the relevant safety data sheets available.  
The safety data sheets provided comply with the **REACH regulation (EC 1907/2006)**.  
The hazard classification and related labeling are compliant with the **CLP / GHS regulation (EC 1272/2008)**.

## OTHER INFORMATION:

For more information on SERICOM ITALIA srl products, refer to the website **[www.sericom.it](http://www.sericom.it)**

## NOTE:

Our technical consultancy activity, carried out orally, in writing or through tests or experiments, takes place on the basis of our best knowledge.  
However, the same must be considered as information without any binding value, also as regards any third party industrial property rights.  
This does not exempt the customer from performing his own checks on the products supplied by us in order to estimate the suitability or otherwise of the procedures and for the purposes intended.  
The application, use and transformation of the products take place outside our control possibilities and therefore fall under the exclusive responsibility of the customer.

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