

Series

DECORLAC

 Type: water

 Printing process: screen printing

 Ink type: one and two-component

 Finish: glossy

 Materials: Natural fabrics, Synthetic fabrics, Triacetate (Trevira)

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.

 Main features:

Decorlac is a lacquer with a basis of a copolymer which cross-linkins at room temperature, formulated for screen printing on fabrics. It is supplied in a very thick paste.

The printed film is glossy, highly opaque and it shows good elasticity.

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.

 Certifications: CLP/GHS (EC 1272/2008), Conflict minerals free, EN 71-3, Reach (EC 1907/2006), RoHS

The EN 71:3 Directive is valid for standard shades of one component inks, two component inks, Ink system and Process colors, HD shades and for all not standard shades which do not contain metallic shades, metallic pastes or fluorescent pigments or inks.

In order to clarify any doubt on not standard shades, it is always recommended to provide us a specific request.

 Eco-sustainability (free of): Bisphenol A (BPA), Cyclohexanone, Latex, Melamine, Phthalates (listed in RoHS directive)

Note: shades in the fluorescent color chart contain formaldehyde.

Note: all our inks are formulated with non carcinogenic aromatic naphthas as the benzene content is below than 0.1% by weight.

IPA contamination are also possibile but always below the limit of 1000 ppm.

 Outdoor resistance (years): 1

Not suitable to long-term outdoor exposure prints (3-5 years).

 Drying process: oven

60-70% in few hours, the remaining 30-40% after 7 days.

The polymerization time increases with high humidity. At 80°C temperature this process is much faster.

 Mechanical and chemical solidity:

Flexibility (Elasticity or Bending)	
Surface hardness (Abrasion)	as two-component
Washings	(not dry)

In order to increase fabric resistance when wet (e.g. rubbing and washes machine), it's recommended to add the crosslinker Catalizzatore per IA in a ratio of 1%. The complete polymerisation of the ink is at 110°C.

 Colours range: EXTRA - M, FLUORESCENTI, HD

110	111	115	121	122	124	130	135	140	143
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Series

DECORLAC

150	160	165	170	104	105	106	107	108	109
160 HD									

Decorlac is supplied in 15 basic shades which can all be mixed together.

The fluorescent shades are ready to use.

Auxiliaries and additives:

--	--	--

Decorlac series is ready for use.

If it's necessary to be diluted, you may add Diluente Decorlac in a ratio of 2/3%.

To increase the dishwashing resistance we suggest to add the 1% of hardener Catalizzatore per IA.

To reduce the temperature of drying, we suggest to add the 1% of Reticolante additive.

Ink removal:

Water

DACS solvent (only for catalyzed mesh)

Lavaggio telai solvent (only for catalyzed mesh)

Aprimaglia Spray (only for catalyzed mesh)

STORAGE:

Please keep the cans in a dark place, at temperature of 15-25°C.

If the recommended temperature is higher than the suggested one or the cans are not completely closed, the shelf life and the qualities are drastically reduced.

CLASSIFICATION:

Before using this 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 labelling 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

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.