

TUBILAC BRF

Characterization	Formaldehyde-free*, ready for use paste for covering multicolour prints on textiles predyed in dark shades
Chemical Structure	Ready for use paste based on acrylate containing filling material
Supplied Form	White paste
Ionic Character	Anionic
pH Value (%10)	7.8 – 10.2
Storability	<p>The product is highly sensitive to frost. After the impact of temperatures around the freezing point irreversible changes occur.</p> <p>TUBILAC BRF is sensitive to temperatures higher than 40 °C.</p>
Storage	<p>In a cool place in well-closed original containers but not below + 5 °C. Opened containers must be closed again tightly. We recommend not to exceed a storage time of 12 months.</p>

Properties

TUBILAC BRF is a long-flowing paste especially developed for covering surface prints with sharp outlines on dark predyed textiles. TUBILAC BRF is a formaldehyde-free product.

The special pigments contained in TUBILAC BRF cover the ground dyeing, so that the shades appear highly coloured and brilliant after drying the prints.

Influences due to humidity, emulsifiers, dispersing agents, glycols, fats, etc. even impair the covering power of fixed prints since these substances physically and temporarily affect the covering coat pigments which then appear more or less transparent. Through a normal washing, dry cleaning and drying process, this phenomenon can be generally reversed, so that the prints regain their full colour depth and brilliancy.

TUBILAC BRF meets very strict exhaust air requirements from an ecological point of view. It is

- non-fuming
- free from hydrocarbons (except for slightest traces in the thickener)
- low emission according to TA-air,
- APEO-free

TUBILAC BRF contains no white spirit.

Brilliant, highly coloured, multicolour Lac prints (wet-on-wet) are possible with TUBILAC BRF. However, this is highly dependent on the fabric. In order to enable high running properties, TUBILAC BRF ought to be mixed with pigment stock according to the operative conditions. When using very fine screens, the running properties can be improved by adding a special dispersing agent such as TUBIGAT A 80 with 15 – 30 g/kg. TUBILAC BRF produces prints which have a soft, dry handle and a good fastness level after the fixation.

Application Procedure

Fibre Materials

TUBILAC BRF is suitable for nearly all kinds of fibres which are stable to heat. Take care that the ground dyeings are fast to sublimation and migration.

Preparation of Printing Pastes

After being blended with pigment dyestuffs depending on the shade, TUBILAC BRF is ready for printing. In special cases the viscosity has to be corrected. For diluting we recommend to add drops of an electrolyte solution such as e.g. diammonium phosphate solution (1 : 2) whereas for thickening we recommend to use non-fuming synthetic thickener systems such as e.g. TUBIVIS DRL 170.

If – depending on the demands - the wet fastness is to be increased, 10 – 20 g/kg of the fixing agent TUBIFIX MF 100 can be added shortly before the paste is being processed on the printing machine.

Printing Process

TUBILAC BRF can be applied by hand, flat-bed and rotary printing.

Drying and Fixation Conditions

As usual in pigment printing, the fabric is dried after printing and fixed at temperatures above 130 °C, preferably for 5 min at 150 °C dry heat.

* To us formaldehyde-free means that all recipe components neither contain nor release formaldehyde during production or processing.

We reserve the right to modify the product and technical leaflet.

Our department for applied technique is always at your service for further information and advice.

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

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