

White KS

Ready to Use Soft Paste for Dyed Grounds

Product Information:

Product Code	: C90202
Appearance	: White Paste
Viscosity	: 25,000 - 35,000 cps
pH	: 8,50 - 9,50

Product Description:

- ✓ Bercolin® White KS is a ready-made printing paste to obtain bright and soft prints on dyed grounds.
- ✓ Bercolin® White KS has been developed for printing small motifs or fine line effects on woven fabrics with dark backgrounds on roller flat-bed or rotary screen printing machines in order to imitate the discharge printing technique perfectly, in an easy and economical way.
- ✓ Bercolin® White KS does not contain any titanium-dioxide, so it is possible to obtain bright and saturated color with adding small amount of Bercolin® colors.
- ✓ Without using any printing auxiliaries, good fastness values can be achieved on cotton fabrics.
- ✓ Bercolin® White KS does not reduce to MAK III A1 and MAK III A2 amines quoted in OEKO TEX STANDARD 100. It does not contain PCP / TCP chemicals, organic chloride carriers, PVC derivatives, Dimethylformamide (DMF), NPEO, APEO and phthalate derivatives.
- ✓ Bercolin® White KS contains formaldehyde in its recipe. However if applied according to suggested conditions, it can only release <75 ppm formaldehyde on the fabric. It is only suitable for adult apparel, not suitable for baby and child apparels.
- ✓ After printing the fabric should be dried and cured for 3 minutes at 160°C or ½ minute at 180°C. in order to reach fast or low temperature cure, adding 1-2% of BERCOLIN® Crossfix CNF is recommended but after addition, amine value must be controlled.
- ✓ For Polyester and Cotton/PES blended fabrics, in order to achieve required fastness values, adding 5-15 g/kg BERCOLIN® Crossfix CLF is recommended but after addition, formaldehyde values must be checked.
- ✓ Since the dry content of Bercolin® White KS is relatively high, it is recommended that the handle of the fabrics be checked if large areas are to be printed.

- ✓ Bercolin® White KS viscosity can be reduced by the addition of up to 50 gr/kg water, In the case of reduction in viscosity with higher amount of water, there is a risk that the binder content will fall below the minimum level. Therefore we suggest that binder or semi emulsion printing paste system should be used, instead of water. It is highly recommended to test it before adding any product to system.
- ✓ Viscosity can be adjusted by using Bercolin® Thickener VMF.
- ✓ Bercolin® White KS, with its fine dispersion and excellent formulation, is suitable for film-druck and rotary screen printing and it can be applied onto cotton, rayon, polyester or fabric having a mixed fiber composition through a screen as fine as 80 mesh.
- ✓ Bercolin® White KS can be stable for approximately 12 months in closed package at room temperature. Not to be allowed to store at temperatures above 45°C and temperatures below 5°C.
- ✓ The product should be kept away from freezing and direct sunlight.