

Product Information Laundry Auxiliaries

Lava[®] Sperse KKC conc

Anti-back staining agent

Function	Anti back-staining agent for denim applications on drum-type washing machines	
Properties	<ul style="list-style-type: none"> - excellent reduction of soiling of white cotton weft and the pocket linings of indigo dyed jeans - minimizes staining of pocketing or labels that contain polyester during a garment wash - excellent dispersing properties - compatible with enzymes based on amylase and cellulase - suitable for stone-washing processes with acid and neutral cellulases - low-foaming and therefore suitable for use on drum-type washing machines - suitable for mixing with other kinds of denim dispersing agents 	
Chemical Characteristics	Polymer base compound	
Technical Data	Appearance:	white or weakly turbid liquid
	pH:	3 - 5
	Ionicity:	nonionic
	Dissolving procedure:	good solubility in cold and warm;
	Shelf life:	12 months in closed original containers Beware: sensitive to frost! Stir well before use !

Adding Lava Sperse KKC conc. in denim washing processes reduces the soiling by indigo of undyed fibers. The weft of the denim fabric, the pocket lining and the labels stay clean.

Lava Sperse KKC conc. is suitable for use in all denim treatments such as desizing, pre-washing, stone-washing, bleaching and post-scouring as well as in scouring of flat fabrics.

Because of high solid content product can be either used in small quantities or can be prepared as a stock solution, in any case it has to be stirred before usage.

Desizing

0.3 – 1,0 g/l Lava Zyme DEZ 01
0.2 – 0.4 g/l Lava Sperse KKC conc.

10 - 15 min/60 °C, rinse
Liquor ratio: 10 :1

Stone-washing

1 - 2.5 % Lava Cell NHC o.w.g.
0.2 – 0.4 g/l Lava Sperse KKC conc.

20 - 45 min/40 - 65 °C, depending on type of cellulase
Liquor: 3:1 - 6:1
Rinse and scour

Post-scouring of stone-washed denim

0.5 - 1.0 g/l Lava Sperse KKC conc.
0.5 - 2.0 g/l Lava wash PDT or Lava Wash EXT

10 - 20 min/60 °C
Liquor ratio: 6:1 - 8:1

Then rinse and apply softener, e.g. Lava Jeans PRO 01 or Lava Soft EPS 01

As a component in dispersing agent mixtures;

10-25 parts Lava Sperse KKC conc.
10-15 parts Lava Sperse HOC
X parts water

After preparing this stock solution, 0.5 - 1 g/l can be used in the desize and stone wash bath. Stir well before using the stock solution and ensure the stock solution should not be allowed to stand for a long time in storage area. Proportions of the mixture can be changed depending on the required results quality and localised conditions – this should be discussed with DyStar technical service team beforehand.