Product Information Laundry Auxiliaries

Lava® Con LAC

Function	Laser Enhancing Product for Indigo Dyed Denim Substrates	
Properties	- easily diluted in water any ratio - can be applied by spraying,brushing,dipping or machine spraying - suitable for elastane contained fabrics - decreases the amount of laser power needed - improves the laser effect significantly - increases the production capacity of the laser	
Chemical Characteristics	Special combination of neutral salts and polymers	
Technical Data	Appearance:	Colourless clear liquid
	pH:	2 - 4 (sub)
	Ionicity:	Slightly anionic
	Shelf life:	12 months in original closed containers
		Do not store product above + 25 °C, product can become useless **Do not store product below + 3 °C and above +35 °C**

Application

Lava Con LAC is a specially formulated product designed to enhance the contrast in the laser treatment effect and is used to create a boosted laser effect on the areas of garments where both Lava Con LAC product and laser are applied. Areas treated with the product, but not treated with the laser are not affected. The spraying accuracy to the garment is therefore not critical.

Lava Con LAC creates a boosted effect with the laser, therefore higher production throughput may be achieved from the laser — or lower laser temperatures can be employed to prevent fusing/melting or damage to certain other fabric fiber components like elastane or polyester

Recommendation for usage

Spray Application

400-600 g/l Lava Con LAC

Drying below 60°C in the oven or tumbler dryer

Before laser application the garment should be 100% dry – check it by touch & avoid rewetting during humidity of air.

Laser Application

Dipping Application (Dip/Spin/Dry)

150-250 g/l Lava Con LAC

Drying below 60°C in the oven or tumbler dryer

Before laser application the garment should be 100% dry – check it by touch & avoid rewetting during humidity of air.

Laser Application

Machine Spray Application

150-250 g/l Lava Con LAC

Drying below 60°C in the oven or tumbler dryer

Before laser application the garment should be 100% dry – check it by touch & avoid rewetting during humidity of air.

Laser Application

Washing after Laser

Normally mild soaping is sufficient to remove any residues. Any washing, enzyme washing, stone washing, bleaching etc. will remove soot and residual yellow color.

In some cases yellowing occurs and is persistent, then use following recipe:

- Add 2 g/L acetic acid with 3 g/l Sera Fast C-RD at 60 C 5 minutes
- Add 1 g/L caustic soda and 10 g/l hydrogen peroxide in the same bath for 20 min, maintain pH 12.5,
- Add 5 g/L acetic acid in the same bath for 5 minutes, maintain pH 4.5
- Cold Rinse

Note:

Time between drying and laser application. Do not exceed 4 hours between the processes. The effect strength may be affected.

Do not let the garment regain humidity from air after & drying before laser. Useful tip: cover the pile of garments with the plastic coating.

Drying must be kept below 60°C (140°F) – check visually: no greenish look should appear on the garment surface. Otherwise the product starts to react in dryer.

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