

## Product Information Laundry Auxiliaries

# Lava<sup>®</sup> Protect XL

### Function

Polymer crosslinker to improve the durability of topical finishes

### Properties

- When used in combination with Evo/Lava Protect products, greatly improves fastness to washing and dry cleaning
- Can be applied to improve the resin effect on denim laundry applications
- Improves the grey and shiny cast on denim applications
- Gives the opportunity for the application at low temperature on elastomer contained denims together with Lava Fin U41 and Lava Pret RFB
- Gives strong patching results at laundry business together with application Evo Top VA 53

### Chemical Characteristics

Modified polyisocyanate

### Technical Data

Appearance:	White dispersion
pH:	6 - 8
Ionicity:	Nonionic
Dilution procedure:	Stir into cold water
Shelf life:	12 months in original closed containers. <b>Do not expose to frost or temperatures above 30 °C.</b>

## Application

This product may be used in conventional textile finishing applications. For information on these applications please consult the Finishing Auxiliary technical data sheet.

### Denim laundry applications

#### Spray application

30 – 200 g	Lava Pret RFB
30 – 200 g	Lava Fix NFA
10 – 50 g	Lava Fin U41
5 – 20 g	Lava Protect XL
X g	Water

Spray amount will be decided related to the fabric and final look. According to the final target different additives can be used.

Pre-drying is strongly recommended, to reduce the strength loss of fabric.

Advised pre-drying temperature is 90-100 ° C.

Curing – see below

#### Dipping applications

30 – 150 g/l	Lava Pret RFB
30 – 200 g/l	Lava Fix NFA
10 – 50 g/l	Lava Fin U41
5 – 20 g/l	Lava Protect XL
10 – 20 g/l	Lava Wet MDF
X g/l	Water

After dipping for few minutes- hydroextract without rinsing

Curing see below

## Curing

Curing temperature of 150 °C must be used and the time determined according to the fabric and pre-application conditions. Actual curing time is only measured once the temperature on the fabric reaches 150°C therefore time is required to reach this temperature. We suggest using the following times should be sufficient for curing cycles, but stress pre-trials are necessary as times will vary depending on machinery.

Pre-dried garments - 10 minutes

Wet garments- 15-20 minutes

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