

# ROLFLEX BK8

## CROSSLINKING BLOCKED POLYISOCYANATE IN WATER DISPERSION

### Chemical composition

Aromatic blocked polyisocyanate in water dispersion.

### Chemical and Physical characteristics:

Appearance at 20°C	Pale yellow liquid
Ionic type	Non ionic
Active content (%)	25
Curing temperature	130°C at least
pH, as received	6,0 – 8,0
Viscosity at 25°C (cps)	Max 300

### Properties and application

ROLFLEX BK 8 is used as an “extender” in combination with fluoro-carbon resins, for articles of cotton, cellulosic fibres, synthetic fibres and blends, to increase water and oil-repellency properties, and improve the fastness to washing and dry cleaning.

ROLFLEX BK 8 is also used as a cross-linking agent in coating pastes (based on polyurethane and acrylic resins) to improve the fastness to washing.

ROLFLEX BK 8, thanks to its high stability at room temperature, can be formulated with polymers (based on polyurethane and acrylic resins) in water dispersion, as one component, to obtain compounds with higher fastness to washing.

### Application characteristics and main advantages

- Gives a noticeable increase in the water and oil-repellency properties of fluoro-carbon resins.
- Improves, significantly, the fastness to washing and dry cleaning.
- Does not influence the handle of the treated goods.

**Instruction for use**

INDICATIVE RECIPES

ROLFLEX BK 8 is normally applied from :

- Padding followed by drying and curing.
- Coating followed by drying and curing.

Application recipe : about 10% on weight of the resin to cure

The drying and curing conditions are the same as for the resins used in the recipe but to reach the optimum result is necessary, after drying, a curing at 150°C for (minimum) 60 sec.

**Storage and packing**

The product should be stored in a dry place at temperature between 5 - 35 °C and far away from heat

Storage stability: 12 months from date of production.

Packing: 120 kg plastic drums, 1.000 kg plastic tank.

Notes: The use of the product in specific application must be tested in advance to check suitability.