

ECOPRINT CLEAR RD

Main Description:

Concentrated Synthetic Reactive Thickener

Chemical Structure:

Dispersion of an acrylic copolymer in mineral oil.

Technical Specification:

Appearance at 20-25°C	Creamy liquid
pH Value at 20-25°C	Approx. 6.0-8.0

Properties:

- It can be used on all type of flatbed or rotary printing machines.
- Suitable for printing on cotton, viscose rayon, and all cellulose fabrics.
- It is excellently removable after the washing-off process, allowing a very soft handle for the finished printing.

Application:

- **Guidelines for recipe:**

Ecoprint Clear RD is used about 20-25 g per kg of a recipe, depending upon the required appearance of the recipe.

The following Recipe is recommended per 1 kg of paste

Water	X g
Urea	60-150 g
Sodium Carbonate	30 g
ECOPRINT Oxid RD	10 g
<u>Ecoprint Clear RD</u>	<u>35-45 g</u>
Total	1000 g

- **Fixation**

When formulations containing at least 35 g/kg **Ecoprint Clear RD** are fixed with hot air (5 minutes at 150 °C). Hot-air fixation produces the optimum standard of fastness. The following temperatures and Cure times are recommended:

1 min at 130 °C

- **Steaming**

Temperature:	104°C
Steam:	90 %
Time:	40 minutes

- **Washing off**

- 1.- Rinse with cold water with overflow
- 2.- If necessary, Wash at 90-98°C with 1 g/l KLEIN WASH.

Storage:

The product is stable for 12 months, whenever it is kept in the original containers, well-closed and protected from weather inclemencies at a maximum temperature of 35 °C.



Information concerning the safety regulations can be taken from the Material Safety Data Sheet of this product. We reserve the right to modify the product and technical leaflet. Our department for applied technique is always at your service for further information and advice. Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.