

## ECO REPEL R3

### Fluorine free water repellent

#### Product Description

ECO REPEL R3 is a pure polyurethane waterproofing agent. It has an excellent performance on cotton, T/C, polyester, nylon textiles, after finishing the fabric has perfect washing resistance, little color change. ECO REPEL R3 mainly used for superhydrophobic finishing.

#### Typical Physical Properties

Property	Unit	Value
Appearance		White to off-white emulsion
pH		3.5 to 5,5
Ionic		Weak cation
Dilute		Miscible in water at any ratio

#### Application

- Does not contain APEO, PFOS, PFOA, formaldehyde and other banned substances, environmentally friendly fluorine-free waterproofing agent;
- Single waterproof finishing, good waterproof lifting, It has good washing resistance when adding the cross-linking agent;
- After finishing, the fabric feels soft and the color changes less;
- Does not affect the adhesion fastness of the coating;
- Good stability, good continuous performance.

#### Recommended method of use

1. Ordinary waterproof fabric finishing  
ECO REPEL R3 20~50g/L, Padding, drying and baking at 160°C~180°C for 40~60 seconds.
2. Washable and waterproof fabric finishing  
ECO REPEL R3 30~50g/L, Crosslinker 10~16 g/L, Padding, drying and baking at 160°C~180°C for 40~60 seconds.

#### HANDLING PRECAUTIONS PRODUCT SAFETY

##### USABLE LIFE AND STORAGE

When stored at 5 to 40°C in the original unopened containers this product has a usable life of 12 months from the date of production.

#### PACKING INFORMATION

ECO REPEL R4 is available in 120KG/Drum, net weight.

#### LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

#### LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Chevell's sole warranty is that our products will meet the sales specifications in effect at the time of shipment.