

Description

Novatect 495 is a water based, cationic zirconium-paraffin wax emulsion.

Intended Applications

Novatect 495 is designed to give excellent water repellency properties on wood, paper, textile and non-wovens..

Usage Recommendation

Drying is generally sufficient to achieve good water repellent properties after Novatect 495 has been applied. However, in order to achieve the optimal performance, it is recommended to dry at temperatures between 110°C and 140°C. Within this temperature range the zirconium-paraffin exhibits its best reactivity.

On textiles, Novatect 495 can be applied by padding or by exhaust. For padding a dosage level of 100 to 350 g/L is recommended, for the exhaust method the addition level should be between 3 to 6% relative to the fabric weight.

New fabrics should be cleaned thoroughly before Novatect 495 is applied. In case of after treatment of garments, this is not always necessary. When needed, Novatect 495 can be diluted with ethanol or IPA for improved wetting.

Property	Target Value
Solids content (%)	34%
pH	3.5
Appearance	White liquid
Viscosity (mPa.s @ 23°C)	<150

Storage & Shelf Life

Novatect 495 is delivered in 150 litre drums or 1000 litre IBC's.

Novatect 495 exhibits good shelf-life stability of at least 6 months. Since this is an aqueous dispersion, the product should be stored under cool but frost-free conditions (between 5°C and 25°C) out of direct sunlight. Stock rotation should be practised and stirring is advised before use.

Safety

Material Safety Data Sheets are available for all Novatect products. Please contact our technical service personnel for the latest version. Our Material Safety Data Sheets contain important information that you might need to protect your employees against any known health and safety hazards.