



Technical Data Sheet

Rotto STC

Neutral Cellulase Granule Formulation
Stonewashing enzyme for denim finishing

INTRODUCTION

Rotto STC is a Neutral Cellulase Granule Formulation specifically designed to be use in premium, high-contrast denim finishing.

Rotto STC allows the stonewashing process to take place in a wide range of pH and temperature conditions.

Rotto STC imparts a grey cast to the denim

BENEFITS

- ✓ Ease of use due to wide range of pH and temperature conditions
- ✓ Outstanding performance in low temperature and wide pH range
- ✓ Gives a high contrast effect with low back-staining level
- ✓ Less clean-up needed after stonewashing
- ✓ Renders excellent storage stability even in high temperatures

PROCESS CONDITIONS

Proper and complete desizing prior to the stonewashing cycle is required for consistent performance.

denimse Cds 120L is recommended for removal of starch sizing materials.

To optimize enzyme performance for abrasion, back-staining and fabric strength retention, use the parameters in the table shown below.

Table 1: Operating parameters	
Process Parameter	Operational range
pH	5.0 – 8.0
Temperature	20 – 60 C
Liquor ratio	3:1 to 20:1
Time	15 – 60 minutes

DOSAGE RECOMMENDATIONS

The dosage depends on the process parameters, the type of denim, the type of machine and the desired effects.

± 0.5-1.0 g/l is recommended

TYPICAL PROPERTIES

Appearance	White and Brownish Granule
Solubility	Dispersible in Water

PACKAGING

Rotto STC is available in 40Kg or 25Kg open ended plastic drums.

STORAGE & HANDLING

Rotto STC must be kept in a cool, dry place. Follow good industrial hygiene.
Please refer to the Material Safety Data Sheet, for handling details.

CONTACT INFORMATION

denimse

Product Development Center – Çerkezköy, Turkey.

t: +90 282 758 18 23 pbx

f: +90 282 758 18 32

denimse@denimse.com

www.denimse.com

Disclaimer: Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; the user therefore assumes all risks of the use of the product. Appropriate warnings and safe handling procedures should be provided to handlers and users. It is also the responsibility of the user to observe any and all the laws and regulations concerning the transportation, use, storage, and disposal of the product.

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