

Now system  
ingredients available  
locally!

## ECO<sup>2</sup> SIZE

A fully synthetic sizing system for woven fabrics with increased productivity that reduces dust and the BOD/COD effluent load even on heavy fabrics

THE ARCHROMA WAY TO A SUSTAINABLE WORLD

## ECO<sup>2</sup> SIZE / Performance components of the system

### Arkofil® CE liq & Arkofil® TX3290 gr

#### Sizing agents

- Highest weaving efficiency with low sizing add on
- Increased velocity of sizing application
- Easily removable without enzymes
- *Local product versions available*



### New! Trefix® SLB liq

#### Sizing auxiliary

- Reduce fiber/metal friction and abrasion
- Reduce hairiness of sized yarn
- Increase loom efficiency
- Increase the sizing pick up
- Significant dust reduction
- *Local product versions available*

### Kieralon® MRZ liq

#### Wetting and cleaning agent

- Excellent wetting action
- Promoted washing-off property
- Providing cleaning function in pre-treatment
- *Local product versions available*

# ECO<sup>2</sup> SIZE / Main benefits in a nutshell

- Safe products from a reliable global partner who applies international safety standards
- Reduces water, energy consumption and reduced carbon dioxide footprint
- Dramatic reduction of COD/BOD in wastewater
- Increase productivity:
  - higher sizing speed (+10 m/min)
  - loom efficiency improvement up to +4 %
- Improved fabric quality by reducing 2nd quality
- Significant dust reduction that helps to prevent respiratory problems to workers
- Embracing sustainable production & lower impact clothing

## 'SAFE' WITH:

Archroma's ECO<sup>2</sup> Size system



SAFE

## 'EFFICIENT' WITH:

Archroma's ECO<sup>2</sup> Size compared to benchmark sizing process\*

IMPACT CALCULATOR  
**ONE WAY**  
by ARCHROMA



PROCESS TIME  
-11%



WATER CONSUMPTION  
-15%



ENERGY CONSUMPTION  
-11%



CHEMICAL USAGE  
-13%



CO<sub>2</sub> EMISSION  
-12%



PROCESS BOD / COD  
-31%

EFFICIENT

## 'ENHANCED' WITH:

Archroma's ECO<sup>2</sup> Size system



PRODUCTIVITY OPTIMIZATION



PREMIUM QUALITY



DUST REDUCTION



HEALTH-CONSCIOUS



PLANET-CONSCIOUS

ENHANCED

CASE STUDY: Vietnam customer

## THE ARCHROMA WAY TO A SUSTAINABLE WORLD /

Safe + Efficient + Enhanced = The Ultimate Collection



### SAFE – IT'S OUR NATURE TO PROTECT

A solid core: Our deeply rooted goal to protect people and our planet. Safe to use, safe to release and also safe to wear.

### EFFICIENT – IT'S OUR NATURE TO RETHINK SUSTAINABLE MANUFACTURING

Innovating application processes that minimize resources and maximize productivity, both in our and our customers' manufacturing as well as by setting ourselves ambitious sustainability goals.

### ENHANCED – IT'S OUR NATURE TO ADD ANOTHER LEVEL OF VALUE

Innovation is critical. With it, we create additional effects, functionalities and aesthetics and sustainable differentiation to bring additional value, helping consumers to achieve their goals, for a life enhanced.

[www.archroma.com](http://www.archroma.com)

**ARCHROMA MANAGEMENT LLC**  
Brand & Performance Textile Specialties  
Neuhofstrasse 11, 4153 Reinach  
Switzerland  
[bptmarketing@archroma.com](mailto:bptmarketing@archroma.com)

CERTIFIED TO  
SE EN ISO 9001:2015  
SN EN ISO 14001:2015  
SN EN ISO 45001:2018

For additional technical service and/or laboratory assistance, contact your local Archroma representative.

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Archroma makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Archroma's products for its particular application. \* Nothing included in this information waives any of Archroma's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Archroma products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Archroma. \*For sales to customers located within the United States and Canada the following applies in addition: NO EXPRESS OR IMPLIED WARRANTY IS MADE OF THE MERCHANTABILITY, SUITABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE OF ANY PRODUCT OR SERVICE.

\* Trademark of Archroma registered in many countries  
© 2022 Archroma