

TEXTILE AUXILIARIES

# ZETESAL ECO-FIX PA

The evolution of polyamide fixing



ZSCHIMMER & SCHWARZ

# ZETESAL ECO-FIX PA



THE ECOLUTION  
OF POLYAMIDE FIXING

Currently used fixing agents are based on phenol, bisphenol and formaldehyde. Therefore, residues of these harmful substances are found in the products and on finished textiles as well. The aforementioned chemical compounds will be banned soon.

ZETESAL ECO-FIX PA is the latest sustainable, plant-based premium fixing agent for polyamide fibres. The product is free of any bisphenol, phenol and formaldehyde.

ZETESAL ECO-FIX PA is vegan, eco-friendly and made out of renewable raw materials which are not used as food or feed. The plant-based fixing agent has been designed in order to achieve highest fastness levels and to avoid "aging".

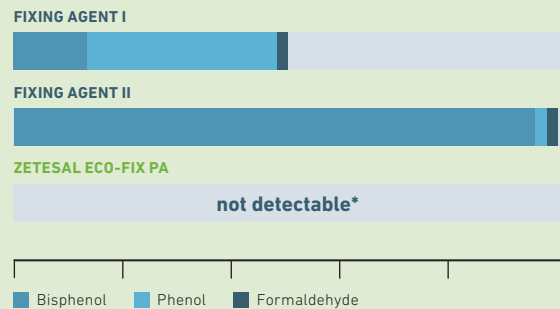
## BENEFITS

- ▶ Free of bisphenol, phenol and formaldehyde\*
- ▶ Excellent improvement of wash fastness (as ZETESAL NR)
- ▶ Very good improvement of contact fastness
- ▶ Very good acid stability
- ▶ No aging effect (no drop down of performance)
- ▶ Suitable for automatic dosing systems
- ▶ Very low foaming
- ▶ No irritating odour
- ▶ Drop-in application
- ▶ Vegan, sustainable and plant-based
- ▶ **Fully complies with ZDHC, bluesign®, STANDARD 100 by OEKO-TEX® (product classes I to IV), Global Recycled Standard GRS, GOTS**

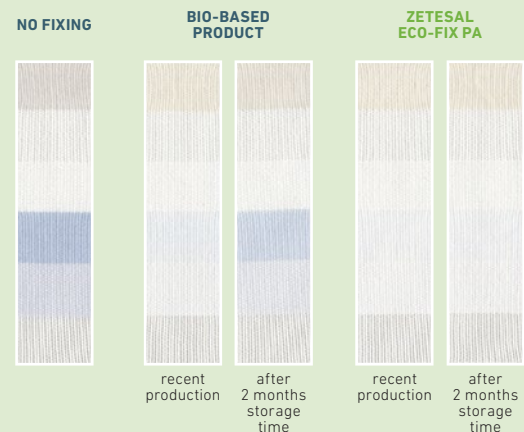
\* Certified by Hohenstein Textile Testing Institute



## CONTENT OF HARMFUL SUBSTANCES



## REDUCTION IN PERFORMANCE BY STORAGE (AGING)



Wash fastness on navy shade