

FIBER & TEXTILE AUXILIARIES

ZETESAL ECO-FIX zero-C

0.0 % hazardous substances,
100 % responsibility



ZSCHIMMER & SCHWARZ

ZETESAL ECO-FIX zero-C

0.0 % hazardous substances, 100 % responsibility

With ZETESAL ECO-FIX zero-C, Zschimmer & Schwarz offers an innovative and sustainable polyamide fixing agent for medium and dark shades, completely without hazardous components.

Currently used fixing agents are based on phenol, bisphenol and formaldehyde. Confirmed by third party testing, our new ZETESAL ECO-FIX zero-C is free of any bisphenol, phenol, cresol and formaldehyde. It enables time and energy savings during production and contributes to a lower CO₂ footprint compared to standard products. Based on synthetic raw materials, ZETESAL ECO-FIX zero-C shows no ageing and a long-lasting performance.

ZETESAL ECO-FIX zero-C fully complies with ZDHC and is bluesign®-approved. The product can also be used as reserving agent in PA/Wool and PA/CO dyeings.

BENEFITS

- ▶ Free of bisphenol, phenol, cresol and formaldehyde
- ▶ Fully synthetic, no ageing, long-lasting performance
- ▶ High shear stability, compatible with residual leveling agents on textile
- ▶ Perfect acid stability
- ▶ Stable viscosity for automatic dosing
- ▶ Suitable for medium to dark shades
- ▶ Excellent fastness performance
- ▶ Sustainable product
- ▶ Fully complies with ZDHC and bluesign®

CONTENT OF HARMFUL SUBSTANCES

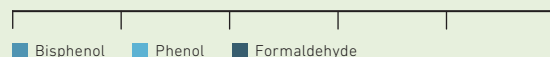
FIXING AGENT I



FIXING AGENT II



ZETESAL ECO-FIX zero-C



* Confirmed by third party testings

EXAMPLE FOR WASH FASTNESS IMPROVEMENT ON POLYAMIDE / ELASTANE IN BLACK SHADE

Wash fastness ISO 105 C10-2006 50 °C

Dyeing		No fixing agent	3 % ZETESAL ECO-FIX zero-C	Competitor fixing agent
WO				
PAN				
PES				
PA				
CO				
CA				

Wash test liquor (5g/l ECE SOAP, 50 °C, 45 min. Liquor ratio: 50:1)

