

## ECO-REZ™ 3405 E

**ECO-REZ™ 3405 E** is a medium soluble, high viscous hard resin for offset, phenol and formaldehyde free. In comparison with similar phenolic modified rosin resins, this hard resin gives a lower tack, a better gelling response (lesser gelling agent needed) and a wider water window.

With **ECO-REZ™ technology** you are making a statement and commitment to a greener product line, and progression towards a more sustainable printing environment.

### Application

Offset, sheetfed and gloss offset, web offset, heatset and coldset, pigment pastes and flushes, aromatic free or vegetable oil based inks and varnishes, grinding varnishes.

▲ **Phenol and formaldehyde free**

▲ **Low tack**

▲ **Excellent gel response**

▲ **Wider water window**

▲ **Low yellowing and low odour**

▲ **Excellent rub resistance**

### Typical properties

Property	Value	Unit	Test Method
Viscosity (47.5 % in Test Oil 6/9 ARB)	50	Pa.s	Physica 23 °C, at 25 sec <sup>-1</sup> , LIMV2
Cloudpoint (10 % in Test Oil 6/9 AF New)	127	°C	LIMR5
Bio-Renewable Content	77 - 79	wt%	Theoretical value based on formulation.

Updated January 7, 2025 by SA

### Packaging

ECO-REZ™ 3405 E is available in 500 or 1000 kg FIBC's type C, or in 25 kg plastic bags.

### Shelf life and storage conditions

Shelf life from date of production is typically 3 months. The resin should be stored at temperatures below 30°C. If the resin is stored wrongly or for a longer period of time, an increase in viscosity and cloudpoint is possible.

**Product carbon footprint** calculated in line with ISO14040 standard is available upon request.

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