



OLEOCHEMICALS



## CHRISCOAT BC-BIO 50

Bio-based wax emulsion for paper  
barrier coatings

BASED ON NATURAL OILS

FOOD CONTACT SAFE

BARRIER FOR WATER AND WATERVAPOR

REPULPABLE, RECYCLABLE AND SEALABLE

PASSION FOR NATURAL OLEOCHEMICALS



**GOVI**  
ENGINEERED CHEMICALS



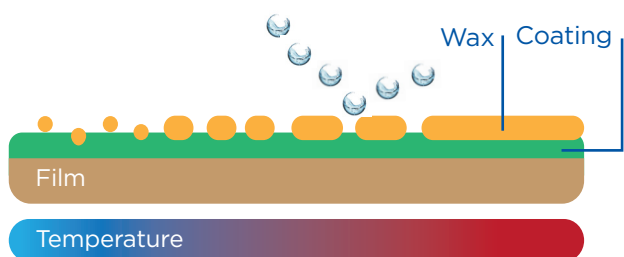
Looking to improve water-based coatings in a durable way? Chriscoat BC-BIO 50 is a bio-wax emulsion that is an eco-friendly alternative to paraffin. Plus, combined with binders, it is a great substitute for PE packaging, limiting micro-plastics in the environment.

In short, the perfect solution to upgrade paper-based packaging in a safe and sustainable way!

### Environmentally friendly technology

Chriscoat BC-BIO 50 is an environmentally friendly wax emulsion that enhances the properties of water-based coatings for paper. One of these properties is water resistance.

Not only does this emulsion prevent paper from leaking, it also limits the water vapor transmission of the surface.



Besides boosting the water repellency for paper, this bio-wax emulsion - in combination with binders - is a great substitute for PE packaging, limiting micro-plastics in the environment. Plus, it favours repulpability and recyclability.

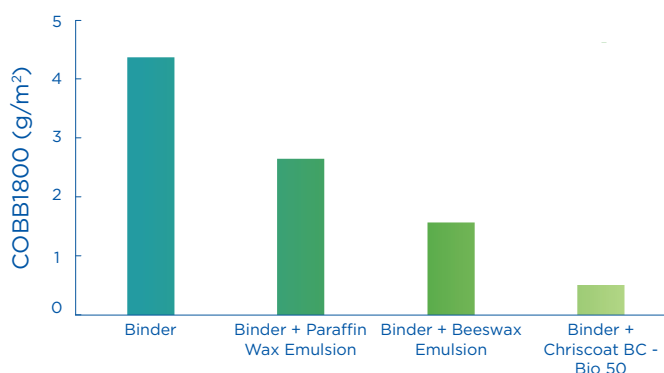
### Strong performance

This superior water repellency for paper is most beneficial for food packaging applications such as single-use paper drinking cups. Additionally, this eco-friendly coating offers outstanding heat sealing performance.

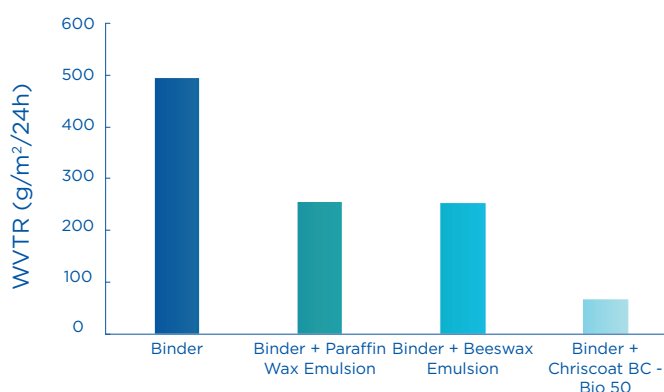
### Food contact safe

Chriscoat BC-BIO 50 is a food packaging barrier solution that is 100% food contact safe. The formulation complies with global food contact standards, including BfR XXXVI, FDA 21 CFR § 176.170 and 176.180.

### Water repellency (COBB1800)



### Water Vapor Transmission Rate (WVTR)



Specifications	
Colour	milky white
Type of emulsion	non-ionic
Solid content (%)	48-52
Melting point range (°C)	56-60
pH at 20°C	6-9
Viscosity (mPas)	20-200 (Brookfield Sp2-100 rpm)

## More information

For more information about Chriscoat BC-Bio 50, please contact:

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