

# IMPROVE PERFORMANCE & SUSTAINABILITY IN ALKYD COATINGS




**MEKO-FREE ANTI-SKINS**  
BORCHI® NOX, BORCHI® SHIELD & ASCININ®



## MEKO IS BECOMING MORE REGULATED

- Currently regulated in Canada
- New regulation effective March 1, 2022 in the EU

## IMPROVES OVERALL PERFORMANCE

-  Excellent skin prevention
-  Improved storage stability
-  Minimal effect on dry times

### MEKO-FREE ANTI-SKIN OFFERING:

Product	Chemistry	Application	Description
Ascinin® Anti-Skin 0444	Amino compound	<ul style="list-style-type: none"> <li>▪ Solvent borne high solids formulations</li> <li>▪ Printing inks</li> <li>▪ Clear coats</li> <li>▪ Pigmented coatings</li> </ul>	<ul style="list-style-type: none"> <li>▪ Phenol- and MEKO-Free</li> <li>▪ Controls surface dry retardation and keeps the film open longer to ensure deeper penetration of oxygen to lower film layers</li> </ul>
Ascinin® Anti-Skin 0445	Amino compound	<ul style="list-style-type: none"> <li>▪ Waterborne and solvent borne clear coats</li> <li>▪ Pigmented coatings</li> </ul>	<ul style="list-style-type: none"> <li>▪ Phenol- and MEKO-Free</li> <li>▪ Controls surface dry retardation and keeps the film open longer to ensure deeper penetration of oxygen to lower film layers</li> </ul>
Ascinin® Anti-Skin 1240	Amino compound	<ul style="list-style-type: none"> <li>▪ Solvent borne clear coats</li> <li>▪ Pigmented coatings</li> </ul>	<ul style="list-style-type: none"> <li>▪ Specially designed for oxidatively drying coatings systems and pastes with reduced VOC content</li> </ul>
Borchi® Nox 1640	Cyclohexanone oxime	<ul style="list-style-type: none"> <li>▪ Solvent borne paint formulations</li> </ul>	<ul style="list-style-type: none"> <li>▪ Does not cause discoloration or adversely affect the drying time of the paint system</li> </ul>
Borchi® Shield	Amino / oxime compound	<ul style="list-style-type: none"> <li>▪ Solvent borne high solids formulations</li> </ul>	<ul style="list-style-type: none"> <li>▪ Phenol- and MEKO-Free</li> <li>▪ Works synergistically with Borchi® Dragon ligand technology to provide slower surface drying</li> </ul>



[www.borchers.com/mekofree](http://www.borchers.com/mekofree)

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# FURTHER ENHANCE SUSTAINABILITY OF MEKO-FREE FORMULATIONS WITH COBALT-FREE HIGH-PERFORMANCE CATALYSTS

BORCHI® OXY-COAT AND BORCHI® DRAGON



**Avoids impact from anticipated future cobalt and MEKO regulatory directives**  
May reduce the need for secondary driers

## IMPROVES OVERALL PERFORMANCE IN ARCHITECTURAL, WOOD, AND INDUSTRIAL ALKYDS



Faster dry times



Can be used in standard and adverse conditions



Brighter whites



Non-wrinkling with high solids systems (thick films)



Control

Borchi® OXY-Coat

Dark aged color (2 months)



Control

Borchi® Dragon

80 µm WFT

### HIGH-PERFORMANCE CATALYST OFFERING:

Product(s)	MEKO-Free Anti-Skin(s) to Use	Application
Borchi® OXY-Coat / Borchi® OXY-Coat 1310	Ascini® Anti-Skin 0444 / 0445 / 1240, Borchi® Nox 1640, Borchi® Shield	Solvent borne short, medium, and long oil
Borchi® OXY-Coat 1101	Ascini® Anti-Skin 0445	Waterborne short, medium, and long oil
Borchi® Dragon	Ascini® Anti-Skin 0444 / 0445 / 1240, Borchi® Nox 1640, Borchi® Shield	Solvent borne high solids, long oil



[www.borchers.com/cobaltfree](http://www.borchers.com/cobaltfree)

PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at [www.milliken.com/terms](http://www.milliken.com/terms) (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.

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