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Arkema innovates with bio-based resins for construction

In keeping with its commitment to green chemistry, Arkema has partnered with major industrial coatings companies to bring to market innovative bio-based Synolac® resins that meet the challenges of this dynamic and demanding sector.

The construction market, directly involving end-consumers, welcomes innovations in green growth, durability and performance. For a number of years Arkema has been developing unique expertise in bio-based resins for the coatings markets, and now offers a technology platform (patent pending) that draws extensively on new products.

As part of SORAGO, a French consortium dedicated to pre-coated metal technology and applications, Arkema offers resins that can feature up to 100 percent bio-based carbon content*. Used in formulations, these new resins produce a coating with a bio-based carbon content of up to 70 percent, as well as equivalent, if not superior, performance compared to traditional coatings.

This innovative technology also benefits from the Arkema Group's back-integration in castor oil, a raw material of renewable origin.

This latest development underscores Arkema's commitment to the industrial coatings industry, in particular to the pre-coated metal segment supplied from Arkema Coating Resins' manufacturing plants located in India, Malaysia, Spain and the USA.

About Sorago

Sorago (Substrate with Organic covering RANGe from biOsources) is a consortium comprising industrial and academic stakeholders of this value chain (ArcelorMittal, Beckers, Prospa, Activation, Claude Bernard University in Lyon, and Technology University in Troyes). The aim of this consortium is to develop and market paints for industrial coatings based on bio-based raw materials.



** Based on ASTM-D6866-12 test method
Synolac® is a registered trademark of Arkema.*

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A designer of materials and innovative solutions, Arkema shapes materials and creates new uses that accelerate customer performance. Our balanced business portfolio spans high-performance materials, industrial specialties and coating solutions. Our globally recognized brands are ranked among the leaders in the markets we serve. Reporting annual sales of €7.7 billion in 2015, we employ approximately 19,000 people worldwide and operate in close to 50 countries. We are committed to active engagement with all our stakeholders. Our research centers in North America, France and Asia concentrate on advances in bio-based products, new energies, water management, electronic solutions, lightweight materials and design, home efficiency and insulation. For the latest, visit www.arkema.com.