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ARKEMA SHOWCASES NEW TECHNOLOGIES FOR MORE SUSTAINABLE PAINTS AND COATINGS AT PAINT INDIA 2024

Arkema, a world leader in specialty materials, will highlight new technologies and advancements aimed at increasing circularity, energy efficiency, decarbonization and living comfort through more sustainable paint and coating solutions at Paint India., Hall 1, Booth #D4, February 22-24 at the Bombay Exhibition Center in Mumbai, India.

Arkema, first international company to have significantly invested in powder coatings in India, is developing more solutions for low VOC and lower carbon coating technologies in expanding its offer to high solid, waterborne and UV/LED/EB. The Navi Mumbai site includes a modern manufacturing unit and a dedicated laboratory to provide application development and technical support in the area.

Arkema accelerates today the development of more sustainable solutions to support its customers and partners in India to design their next generation of solutions driven by mega-trends.

“Consumer expectations for efficient home and indoor well-being include health, protection, durability, cooler buildings and user-friendly application with minimal environmental impact. said Vivekkumar JAGTAP- Managing Director Arkema Coating Resins.” At Arkema, we are committed to creating materials that advance sustainability as well as performance, and we partner across the value chain to accelerate the development of new solutions.”

Bio-based and bio-attributed coating solutions

Arkema leads in developing waterborne technologies with bio-based raw materials and low carbon feedstock such as:

- **Synaqua® bio based waterborne resins with up to 97% renewable based content**, combine the performance properties of alkyd-based coatings with the advantages of water-based formulations. This innovation enhances paint performance by reducing emission of hazardous substances and by minimizing the carbon footprint.
- **Crayvallac® performance bio additives** combine performance & sustainability with their castor derivatives and bio-based polyamide additives. With a **bio-content from 60 up to 100%**, these rheology modifiers contribute to improve circularity and promote the use of non-fossil feedstocks.

The company will also progressively introduce **powder & acrylic based bio mass-balance solutions** as a complementary pathway to support our customers with drop-in high-performance solutions, more circular sourcing, and to reduced carbon footprint solutions.

Climate Conscious Technologies for cool surfaces

Arkema offers a range of cool roofing technologies to **enhance indoor thermal comfort** and **reduce air conditioning consumption**. These include the unique combination of two resins, **Kynar Aquatec®**, a super durable reflective paint and **Encor®**, an acrylic elastomeric emulsion for waterproofing and durability with 2 additives, **Coapur™** PU thickeners for better compatibility and control and **Coadis™**, a dispersant for improved whiteness and stability.

Energy-efficient Solutions

As industries are facing rising energy costs, stricter emission regulations, and a move towards a lower carbon intensive applications; Arkema offers energy efficient solutions with **Sartomer® UV-LED and EB** curing technologies which are **low VOC and low carbon intensive coating technologies**.

REAFREE® powder coating resins offer formulators a wide range of high performance products with low temperature cure powder solutions, which **reduce the carbon footprint** of the end user process,

In addition to the exhibition, Arkema experts will present research during this year's congress.

- **Mass balance and Value chain partnerships: key enabler to accelerate the shift toward lower carbon and more circular solutions**

Chris Miller - Coating Solutions Senior Director of Global Market (Arkema)

- **More sustainable approach for the coatings industry**

Yohann Trang - Global Business Manager - Coatings Additives

- **Waterborne alkyd emulsion, a bio-based & low carbon solution for wall, wood and metal decorative paints**

Gregory Delmas - Development & Innovation Leader – Architectural Coatings

- **Act on climate change and reduce energy consumption of buildings with cool roof**

Sanjay Luthra - Global Marketing Manager, Building & Construction

Building on its unique set of expertise in materials science, Arkema offers a portfolio of first-class technologies to address ever-growing demand for new and sustainable materials. With the ambition to become in 2024 a pure player in Specialty Materials, the Group is structured into 3 complementary, resilient and highly innovative segments dedicated to Specialty Materials - Adhesive Solutions, Advanced Materials, and Coating Solutions - accounting for some 91% of Group sales in 2022, and a well-positioned and competitive Intermediates segment. Arkema offers cutting-edge technological solutions to meet the challenges of, among other things, new energies, access to water, recycling, urbanization and mobility, and fosters a permanent dialogue with all its stakeholders. The Group reported sales of around € 11.5 billion in 2022, and operates in some 55 countries with 21,100 employees worldwide.

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