



Sicomin Launches New Bio Systems Available for Series Production within Automotive, Wind Energy and Civil Engineering at JEC World 2020.

17th February 2020, Sicomin, Marseilles, France: Sicomin continues to assert itself as the leading formulator and supplier of high-performance, bio-based epoxy resin systems with the launch of new bio-resins at JEC World 2020, Hall 6, Booth 43. The group will unveil a variety of products that are each available in industrial quantities for series production within Automotive, Wind Energy and Civil Engineering.

Bio Fire Retardant Epoxy Gelcoat for Wind Energy and Infrastructure

Sicomin will showcase SGi 128, an innovative intumescent epoxy gelcoat developed specifically for fire retardant coating applications for critical components found in the Wind Energy and Civil Engineering markets.

SGi 128 Gelcoat is produced with 38% of its carbon content derived from non-oil sources and is a halogen free gelcoat that provides outstanding fire protection for epoxy laminates and extremely low smoke toxicity. Available with both fast and slow hardeners, this easy to apply epoxy system forms a much tougher and waterproof part surface than traditional intumescent coatings.

Sicomin's SGi 128 is available in industrial volumes with short lead times and has been successfully tested to EN 13501 (EUROCLASS B-S1-d0) and ASTM E84 (Class A).

NEW Bio Resin for HP-RTM processing for Automotive

Sicomin's new bio-resin specifically formulated for HP-RTM processing, SR GreenPoxy® 28, is the sixth product in Sicomin's renowned GreenPoxy® range.



SR GreenPoxy® 28 is a fast cycle, low toxicity, third generation bio-based formulation aimed specifically at the HP-RTM moulding processes used for both high performance Automotive structural parts and aesthetic carbon fibre components. The new formulation has been optimized for fast production cycle times and superior mechanical performance and is a more sustainable alternative to traditional resins providing exceptional performance and quality for high volume programmes.

GreenPoxy® InfuGreen 810 on display with the GREENBOATS Flax 27 Daysailer on the JEC Planets

With very low viscosity at room temperature, InfuGreen 810 has been formulated to support manufacturers seeking bio-based alternatives for producing parts using injection or infusion techniques. Produced with 38% plant-based carbon content, InfuGreen 810 holds the DNV GL certification, providing extra assurance of the product's quality, efficiency and safety standards.

This high-performance epoxy infusion system is demonstrated at JEC World through the display of the GREENBOATS Flax 27 daysailer on the JEC Planets. Designed by renowned naval architects Judel/Vrolijk & Co, the FLAX 27's hull, deck and internal structure were infused with Sicomin's GreenPoxy® InfuGreen 810 resin and flax fibre reinforcement fabrics.

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