

CONSTRUCTION AND CIVIL ENGINEERING

EPOXY SYSTEMS FOR CONSTRUCTION AND CIVIL ENGINEERING



It's all in the Chemistry www.sicomin.com

Composite materials provide a broad spectrum of performance advantages compared to traditional building materials such as steel and concrete including: high tensile strength, stiffness, improved fatigue performance and corrosion resistance.

Sicomin offers a complete package of epoxy resins, adhesives and coatings for the Construction and Civil Engineering market and has supplied materials for many of the world's most iconic architectural composite structures.

Specialising in the development of fire retardant epoxy materials, Sicomin have developed a market leading range of FR solutions including resins and coatings tested to EN 13501 (EUROCLASS B-S1-d0) and ASTM E84 (Class A).



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SR FIREGREEN 37 GreenPoxy®



A more sustainable fire retardant hand laminating system.

- Intumescent epoxy resin system with 25% bio-based carbon content.
- Halogen free with low smoke opacity and toxicity. •
- Range of hardeners to adjust cure times.



VIEW SR FIREGREEN 37 DATASHEET ŧ





SGI 128

VIEW SGI 128 DATASHEET ~~

A bio friendly intumescent gelcoat.

- Up to 38% bio-based carbon content.
- Exceptional fire performance. •
- Halogen free with low smoke toxicity. •
- •
- Available in industrial volumes. •
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Available in industrial volumes.



Hardwearing weatherproofed finish for exterior applications.

Tested to EN 13501 (EUROCLASS B-S1-d0) and ASTM E84 (Class A).



SR 1124

A fire retardant epoxy resin.

- Formulated for hand laminating, infusion and filament winding processes.
- Low density fire retardant system, intumescent and • halogen free.
- Low smoke opacity and toxicity.
- Meets the key construction industry fire standards. •









ISOBOND SR 7200 HTG - SD 710X

A high Tg structural epoxy adhesive.

- High performance adhesive with Tg max of 80°C. •
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- Adheres to most materials. •
- Gel texture for easy mixing and application. •



Complete package of composite

Specifically formulated for thick and thin bond lines. High fatigue strength and resistance to microcracking.







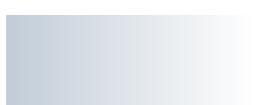
SR 1121

A fire retardant epoxy hand laminating system.

- Low viscosity, good wet-out properties.
- Halogen free fire retardant system. •
- Low smoke opacity and toxicity.











ISOBOND SR 7100

A structural epoxy adhesive for thin bond lines.

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- Excellent resistance to propagation of microcracks. •





Specially formulated for thin bond lines, resists high stress in fatigue.

www.sicomin.com

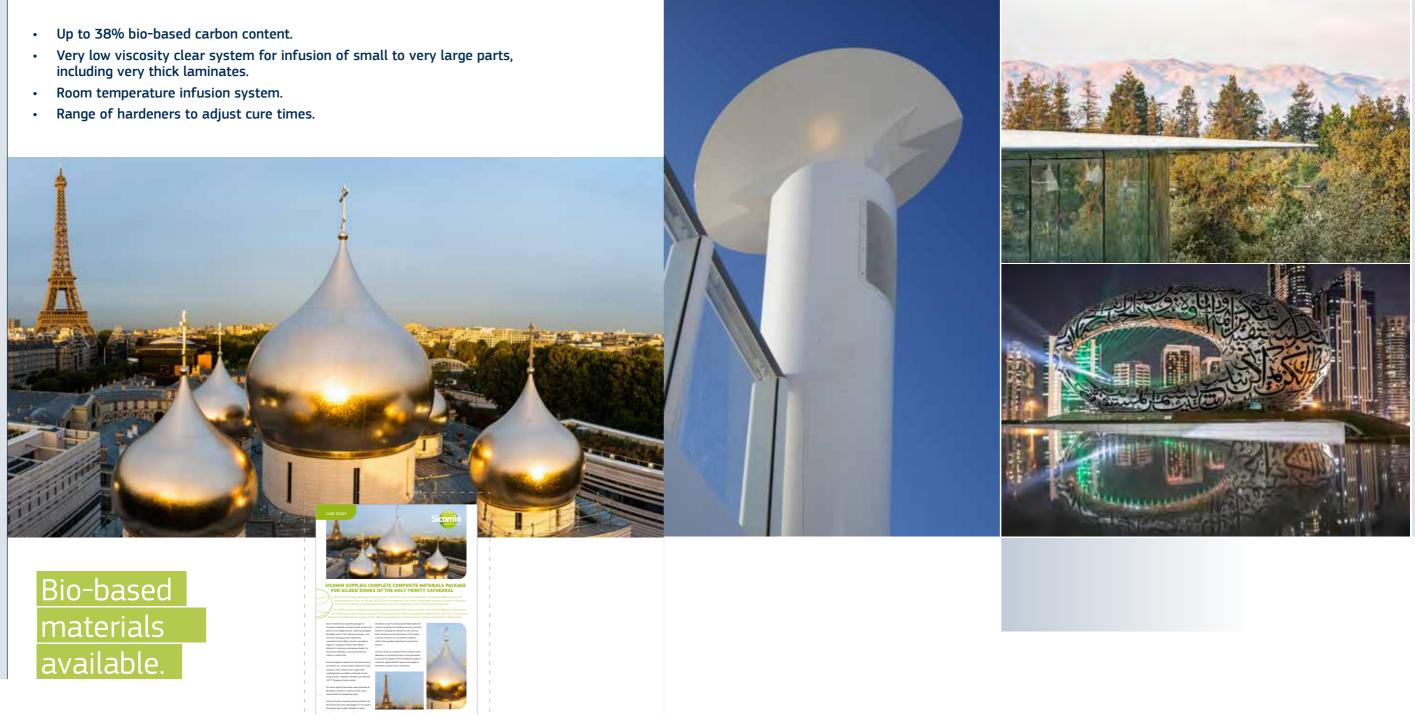
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READ CASE STUDY

A bio solution for infusion.













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