



FIRE RETARDANT SYSTEMS



It's all in the Chemistry

www.sicommin.com



Fire Retardant Epoxies

Sicomin, a leading formulator and supplier of technically superior, high strength epoxy solutions, is introducing an exceptional new fire retardant epoxy system formulated specifically for infusion technologies, SR 1125.

This advanced self-extinguishing product is unique to the composites market as it can be processed by an infusion method unlike many fire retardant epoxies that must be applied through hand lamination.

SR 1125 features a very low viscosity which ensures a steady, predictable and consistent resin flow. Thanks to this unique formulation, SR 1125 can pass through reinforcement fabrics without filtering the active fire retardant materials nor obstructing the infusion process.

SR 1125 has been developed by Sicomin predominately for large part production in the civil construction and rail markets where very high

quality components, fire resistance and excellent mechanical properties are essential.

As infusion processing methods are not suitable for every customer's requirements, Sicomin is also launching SR 1124 - a fire retardant hand laminating epoxy that also offers very low viscosity and excellent wet out properties.

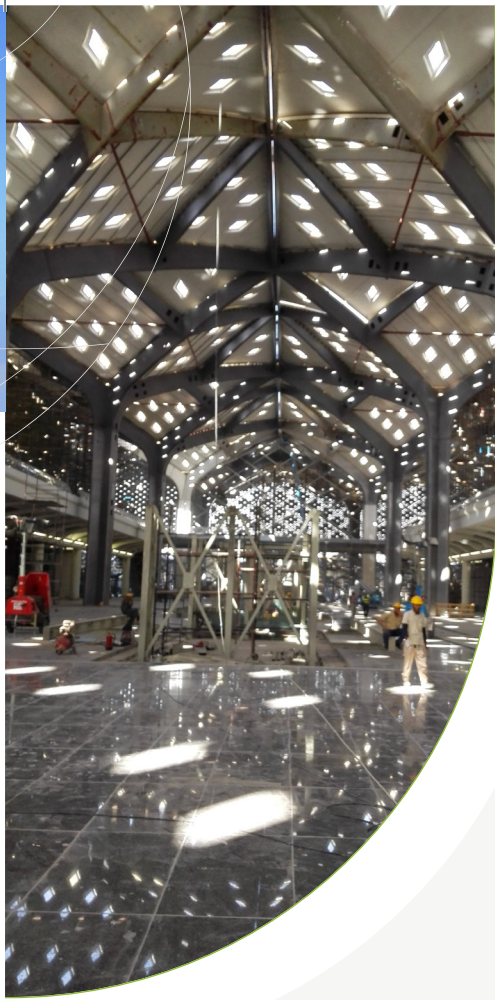
Both SR 1125 infusion and SR 1124 hand laminating systems have achieved the ASTM E84 Class A fire safety accreditation when used in combination with Sicomin's SC FW16 paint or SGi 128 epoxy gel-coat.

Features and Benefits

- Market Leading Range for Civil Engineering, Rail and Aerospace
- Suitable for Laminating, Prepreg, Infusion, Foaming and Coating
- Ambient or High temperature Curing Systems
- Achieved numerous leading OEM's Fire, Smoke and Toxicity (FST) standards
- Superior Flame Spread properties
- Accreditations: ASTM E-84 Class A for Civil Engineering, FAR 25 853 for Aerospace and EN 45 545 for Rail

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TOP PRODUCTS

SR 1125 / INFUSION

An exceptional Fire Retardant Epoxy system formulated specifically for infusion technologies.

No filtration nor obstruction through fabrics during infusion.
Low viscosity formulation for infusion at room temperature.
Fire Retardant, intumescent and halogen free.



SR 1124 / LAMINATING

High performance Fire Retardant Epoxy system with exceptional wetting-out properties.

Low viscosity and lower resin consumption than with standard systems.
Low density and high mechanical properties.
Fire Retardant, intumescent and halogen free.



SGi 128 / GEL-COAT

New generation Fire Retardant epoxy gel-coat.

Easy to process for in-mold application or as an external coating.
Low smoke opacity and toxicity.
Fire Retardant, intumescent and halogen free.



SC FW Fire Wall / PAINT

High performance Fire Retardant coating.

One component emulsion paint.
Prevents heat propagation and fire progression by releasing extinguishing gases.
Certified for public and industrial buildings for interior and sheltered use.





Sicomin

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