

FRV

Protection of equipment, infrastructure and people from fire is often a challenge, one strategy to reduce risk is to focus on prevention of fire propagation.

FRV is a unique lightweight, fire-resistance tested material, weighing from just 1.2kg/m². Part of our protection materials range, FRV is flame-resistant to +1100 °C for up to 1.5 hours, with no burn through.

A thin flexible material, FRV can be draped, wrapped or shaped to fit any size profile or area with minimal dimensional expansion during fire, making it ideal for increased fire risk applications.



Benefits

- Lightweight material
- Flame-resistant to +1100 °C
- Easy to transport and install
- Suitable for both new and upgrade applications
- Ultra-flexible, material can be draped, wrapped or shaped to fit
- Non-expanding material
- Fit and forget solution - requires no ongoing maintenance

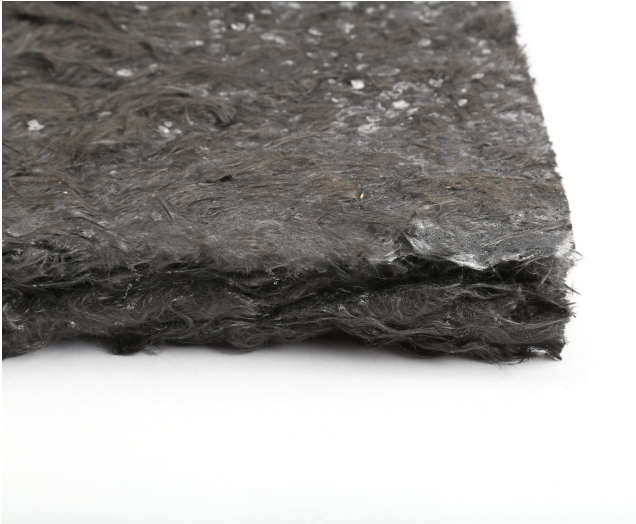
Applications

- Electric vehicle battery boxes and enclosures
- Lithium-ion fire protection
- Aerospace and automotive firewall paneling
- Engine protection
- Electronic equipment encasement
- Marine and shipbuilding on-deck paneling, doors and flooring
- Fire containment strategies

FRV is an engineered composite material, made from carbon fibers and a proprietary resin combination to deliver exceptional performance.

FRV is ready to use, requiring no additional curing or resin infusions, pressing or processing.

In highly demanding environments, FRV can be combined with FR1500 to provide enhanced protection and structure.



Contact Us

Trelleborg Applied Technologies delivers innovative and reliable solutions, materials and smart systems that maximizes performance for our customers. Our vast range of specialized, customizable materials ensure peace of mind at every stage of your project. With reliable and efficient project management and manufacturing, we endeavor to take performance to new levels by achieving your goals safely, on time and within scope.



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