



Smart
solution

Safety solutions for railway vehicle manufacturing

WORLD'S FIRST FIRE RETARDANT SMP SEALANT



Anticipating on future legislation, Bostik has developed a new sealant which meets the highest requirements in the railway vehicle industry according to the latest European standard of fire protection: EN45545.

SIMSON ISR 70-03 FIRE RETARDANT

ISR 70-03 FR is the first fire retardant sealant based on Silyl Modified Polymer technology. This new sealant is developed for interior and exterior sealing applications in railway vehicles e.g. sealing windows, roofs, metal frames and floor systems but can also be used as a constructive bonding adhesive.

EUROPEAN STANDARD EN45545

ISR 70-03 FR is tested and approved according to the European EN45545 standard that will soon replace the current national standards and meets the highest hazard levels.

HAZARD LEVEL 3 ON:

- Smoke density, EN ISO 5659-2
- Toxicity, NF X 70-100-1 and -2
- Oxygen index: EN ISO 4589-2

Bostik offers the railway vehicle manufacturing market a complete system solution, with ISR 70-08 AP for bonding and ISR 70-03 FR for sealing. This system solution offers superior bonding strength and balances durability, weight and styling aesthetics.

Worldwide, Bostik is a leading provider of bonding and sealing solutions for automotive, mass transit, aerospace and marine industries. OEM and tier suppliers around the globe can depend on Bostik's consistent high standards for product quality, innovation, technical support and customer satisfaction.

Manufacturers of trains and metros share a great responsibility. Their vehicles are designed to transport large numbers of people on a daily basis, meaning they must be strong, safe and reliable. Faced with an average life span of decades for their products, manufacturers as well as their suppliers must have a long-term vision. Bostik presents itself as a partner in adhesives that is involved with its clients right from the start, offering solid solutions: adhesive and sealant solutions which take into account vibrations, temperature variations, the effect of sunlight (UV), fire resistance, torsion stiffness, shear strength and tensile force and the effects of varnish, paint and cleaning. In short: solutions which are the result of expertise and years of experience.



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