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Supplement : Innovation report

Innovative pultruded deck for station platforms

To solve accessibility problems, Solutions Composites developed an innovative deck to enhance safety access to trains, reducing the large gap existing between the train and the platform. The pultruded deck offers high mechanical performances. The lightweight fiberglass profiles make for an easy and rapid installation on site.

The formulation provides great fire resistance (M1-F0 class), thermal and electrical insulation. The deck requires very low maintenance. Our deck includes composite tactile strips to prevent any falls. Solutions Composites conceived a robust, long-lasting and safe deck system for station platforms. The innovative pultruded deck has been installed in 6 RER train stations of Paris railway network (4 in 2017).

The new Solutions Composites deck system covers about 1900 square meters of Parisian station platforms. Other stations will soon be equipped as our solution has proved its efficiency and responded to the National Railway specifications.

Finalist: Solutions Composites (France)

Partners: Top Glass (Italy)

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CONSTRUCTION & INFRASTRUCTURE

SOLUTIONS COMPOSITES 

PARTNER: TOP GLASS 

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Innovative pultruded deck for station platforms to improve and provide safer accessibility to trains.



KEY BENEFITS

- ⊗ LIGHTWEIGHT MATERIAL EASE OF USE
- ⊗ HIGH MECHANICAL PERFORMANCE, ROBUSTNESS
- ⊗ MATERIAL SAVINGS RESULTING IN COST SAVINGS
- ⊗ GREAT FIRE PROPERTIES
- ⊗ LONG-LASTING SOLUTION

Presse

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