



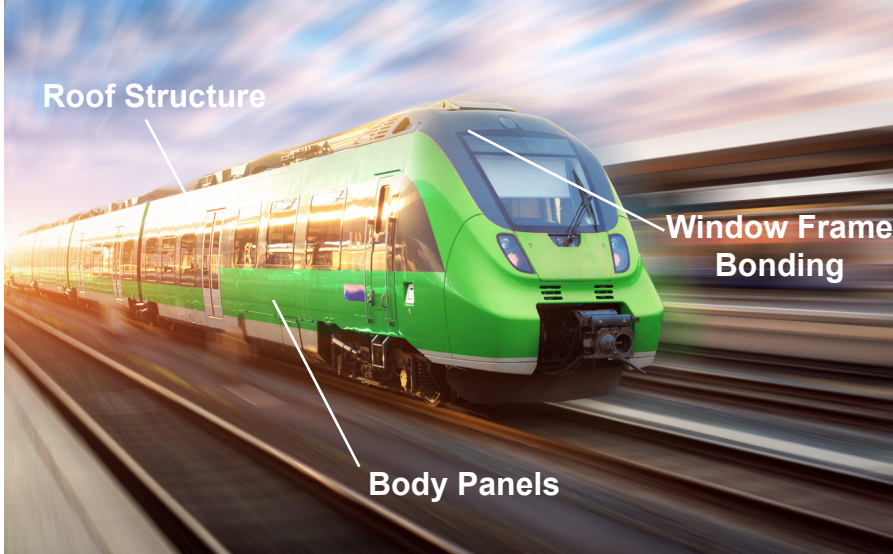
# SG5000 SERIES

METHACRYLATE ADHESIVE

RAIL

## SG5000 Series: Fast Cure Adhesives Formulated For Train and Tram Manufacturing, Inside and Out

Flexible working times make it an ideal solution for a wide range of transportation applications

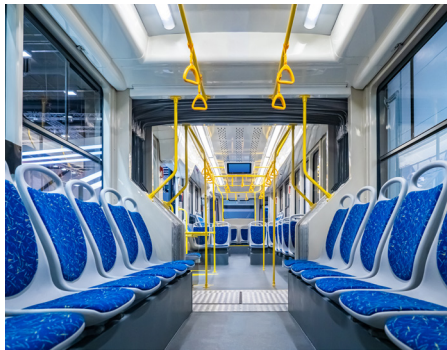


### SG5000 FEATURES

- Used to bond metals, composites and plastics.
- Minimal surface preparation required
- Fast cure and rapid strengthening
- Variable working times from 5 to 40 mins
- Excellent chemical resistance
- Creates strong, permanent bonds, even in harsh environments
- High flow at low pressure, ease of manual dispensing

### EN45545-2 HL3 Certification

European Union Standard Fire Testing to Railway Components



Interior panels & composite parts



Dashboard assembly

*SG5000 is certified with the European Union's EN45545-2 fire testing standard, making it an ideal choice for securing fixtures to construct panels in railway interiors.*

### Bring it Together with SG5000

SCIGRIP® SG5000 Series are high strength two-component products for bonding metals<sup>1</sup>, plastics<sup>2</sup> and composites. They offer a unique combination of convenient 1:1 mix ratio and ability to adhere to a wide variety of materials. Most metals, including steel and aluminum, can be bonded without surface pretreatment. A choice of 3, 6, 15 and 40 minute working times, fast cure and rapid strength build make this series of adhesives an ideal first choice for diverse bonding applications.

We'd like to work with you to see if SG5000 is a good fit for what you're bringing together. Contact us today and let's arrange an on-site demo.

#### NOTES:

1. Prepare metal for bonding by removing all dust, loose scale, rust and other surface residue including oil and grease. For maximum bond strength on steel, abrade the mating surface prior to bonding. See notes a, b on reverse side. Value will depend on strength and stiffness of substrate.
2. Polyolefins, thermoplastic polyesters, fluorocarbon plastics and other low surface energy plastics are generally not bondable.
3. Lap shear strength of UNPRIMED aluminium to aluminium based on ASTM D1002 method.

a brand of



### PRODUCT PROPERTIES (In Minutes)

Cartridge	Adhesive	Working Time	Fixture Time
SG5000-03	SG5000-03A	2 - 5	6 - 8
SG5000-06	SG5000-06A	5 - 8	10 - 12
SG5000-13	SG5000-13A	14 - 19	20 - 25
SG5000-40	SG5000-40A	35 - 45	55 - 65

*Time to reach 70% of ultimate strength in lap shear @75°F (24°C)<sup>3</sup>*

### RECOMMENDED FOR BONDING

Composites	Metals <sup>1</sup>	Thermoplastics <sup>2</sup>
Epoxy	Aluminum	ABS
Polyester/DCPD	Carbon Steel	Acrylics
Vinyl Ester	Stainless Steel	PVC/CPVC
Gelcoats	Coated Metals	Styrenics

### ADDITIONAL CERTIFICATIONS



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