



SCI GRIP® ADHESIVES

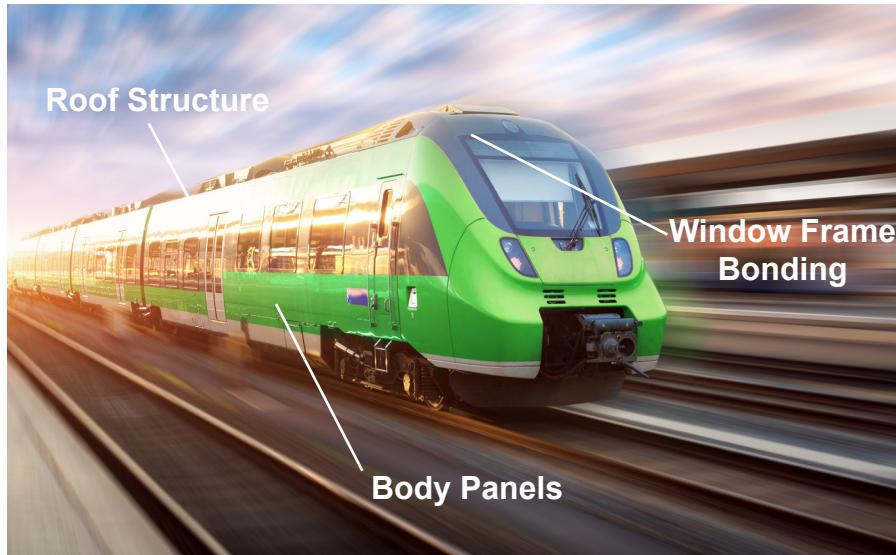
SG300

TWO COMPONENT, 10:1 METHACRYLATE ADHESIVE

RAIL

## Adhesives Formulated For Train and Tram Manufacturing, Inside and Out

Featuring Industry-leading fatigue and impact resistance with minimal surface preparation required



Interior panels & composite parts



Dashboard assembly

### Superior Strength & Flexibility for a Variety of Assembly Operations

Formulated to bond multiple substrates used in transportation and industrial markets.

### Bring it Together with SG300

With its European Union fire testing certification EN45545-2 HL3 for railway components, excellent fatigue, impact and shock load resistance, SG300 is already one of the most capable adhesives across multiple industries. Add to that its ability to bond composite, metal and plastic parts with little or no surface preparation, its ability to offer reduced bond line read through and with a bead size control up to 9.5mm with no sagging, you have one of the most versatile bonding formulas for today's transportation production operations.

We'd like to work with you to see if SG300 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. Polyolefins, thermoplastic polyesters, fluorocarbon plastics and other low surface energy plastics are generally not bondable.
2. Lap shear strength of UNPRIMED aluminium to aluminium based on ASTM D1002 method.

### SG300 FEATURES

- Used to bond metals, composites and plastics. Ideal for bonding dissimilar materials.
- Excellent fatigue, impact & environmental resistance properties
- Creates strong, permanent bonds, even in harsh environments
- Fills gaps up to 0.375 inches (9.5mm)
- No slide or sag, even on inverted and non-level surfaces.
- Reduced bond line read through

### EN45545-2 HL3 Certification

European Union Standard Fire Testing to Railway Components

### PRODUCT PROPERTIES (In Minutes)

Cartridge	Adhesive	Working Time	Fixture Time
SG300-05	SG305A	4 - 6	15 - 20
SG300-15	SG315A	13 - 17	30 - 40
SG300-40	SG340A	35 - 45	80 - 90

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

