SG100: Bring On The Sun

SG100’s Enhanced UV Resistance and Strong Bond Means Performance and Protection can Start at the Top

SCIGRIP® / ARJAY’s SG100 Adhesive provides the ultraviolet and impact protection you need for topside applications, like deck exteriors and hardtops. But this performance story doesn’t stop there. SG100 also provides the strength and flexibility needed for critical bonds too, like deck to hull. Plus, it has the impact resistance required for items like hatches, doors and other items built in 2-part molds. We created formulas for both 15 and 40 minute working times, so it’s designed to work the way you do, regardless of application.

Performance Benefits

- UV stabilized, bright white color for color critical applications
- Excellent choice for bonding FRP composites, gel coated surfaces and thermoplastics with little or no surface preparation
- Outstanding fatigue, impact and shock load resistance
- Excellent environmental and chemical resistance
- Bonds range of substrates: Acrylic, PVC, ABS, Thermoset Composites (Vinyl Ester, Polyester, Gelcoats, and Epoxy), Primed Metals, Coated Metals, and other Thermoplastics

Additional Resources

- Try SG230HV for higher viscosity and more working time options

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Notes:
1. Polyolefins, thermoplastic polyesters, fluorocarbon plastics and other low surface energy plastics are generally not bondable.
2. Prepare metal for bonding by removing all dust, loose scale, rust, and other surface residue including oil and grease. Use of MP100 Metal Primer is a necessity and strongly recommended for stainless steel and aluminum bonding. Heavy grinding or sanding may interfere with the chemical action of MP100 and is not recommended, especially with aluminum and stainless steel. For maximum bond strength on steel, abrade the mating surfaces prior to bonding. See notes a, b and c on reverse side.
3. Tensile modulus as measured in the linear portion of the stress strain curve.
4. Lap shear strength of aluminum to aluminum bond pretreated with MP100 Metal Primer and based on ASTM D1002 method.

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