6900 EXTREME FAST-GRAB HYBRID ADHESIVE

TECHNICAL DATA SHEET

LOW ODOR | SOLVENT-FREE | RAIN READY

ASI 6900 Extreme Fast-Grab Hybrid Adhesive grabs and holds substrates within just a few seconds, making it ideal for holding heavy objects in place while adhesive cures to form a long-term, durable bond. This reduces or eliminates the need for fasteners, braces, clips & epoxy. It is ideal for heavy substrates or overhead applications where a quick, firm grab is needed. Using the same hybrid technology as the ASI 5900, this product extrudes easily while offering even more green strength (immediate hold), better adhesion (to some substrates) and cures to form an even stronger adhesive than it's counterpart.

ASI 6900 will not shrink, is 100% solids and free of isocyanates and solvents, which unlike many solvent based adhesives, makes it easy and consistent to dispense/tool at a variety of temperatures. It bonds to wet substrates and can be applied when water or moisture is present without washing off (water based adhesives) or outgassing and bubbling (polyurethanes). With a broad adhesion profile, it bonds to most common substrates.

COMMON BONDING SUBSTRATES

ASI 6900 can be used on a variety of substrates. We have listed some common substrates:

- **Ceramics**
- **Fiberglass**
- **Glass**
- **Granite**
- **Marble**
- **Wood**
- **Stone**
- **EPDM**
- **Aluminum & Galvanized Metal**
- **EPS or Styrofoam Insulation**
- **Porcelain**
- **PVC & Other Plastics**
- **Porous Surfaces (Concrete, Brick, Etc.)**

Can be used on additional substrates not listed. End user is responsible for testing specific environment or substrate prior to use. Substrates may vary by manufacturer.

COMMON APPLICATIONS

ASI 6900 is an excellent adhesive for many Commercial, Industrial, & Construction applications where a quick bond is needed, ideally for heavier objects to eliminate additional clips & epoxy. Common applications include:

- **Sink Applications**
- **Wall Panels**
- **Roof Bows**
- **Trailer & RV Manufacturing**
- **Shower Panels & Installation**
- **Panel Assembly Adhesive**
- **Faux Rock or Panel Installation**
- **Landscape Block Application**
- **Industrial Manufacturing Application**

Can be used for other various applications depending upon substrate. Test all substrates before use.

FEATURES

- **Reduces/Eliminates Need for Braces, Clips & Epoxy**
- Industry Leading **Immediate Hold** & Ease Of Use
- Excellent for **Overhead Jobs**
- No Solvents Or Water, **Will Not Shrink**
- **100% Solids**, VOC Compliant
- Adheres To A Wide Variety Of Substrates
- Remains **Easy To Dispense** From 0-150F
- **Will Cure To Wet Substrates** Or When Moisture Is Present
- **Remains Flexible**, Allows For Vibration & Movement
- Conforms to California Proposition 65
- Conforms to USDA Requirements For Non-Food Contact
- Meets Requirements of CARB & SCAQMD
- **VOC Compliant** (10 grams/liter ASTM D2369)

CONFORMS, MEETS & EXCEEDS

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Physical Properties	Test Method	Result
Viscosity	ASI Test Method	4,500,000 cps (Spindle 7, 4rpm)
Skin Formation Time	ASI Test Method	10 minutes (70°F, 50% RH)
Density	ASTM D1475	14.4 lbs./gal
Hardness	ASTM C661	47 (Shore A)
Modulus 100%	ASI Test Method	1.35 MPa
Tensile Strength	ASTM D412	1.8 MPa
Elongation at Break	ASTM D412	200 %
Application Temperature	ASI Test Method	32° to 120°F
Gun Grade	ASI Test Method	Pass (Non-Slump)
OUV Testing	ASTM G154	Pass (10,000 hrs)
Service Temperature*	ASI Test Method	-50°F to 220°F
Typical Cure Rate	ASI Test Method	24 hrs. (1/8" bead)

**Intermittent temperature up to 270°F. Information on this data sheet can change without notice. It is not recommended that these figures be used in spec writing. Contact manufacturer's sales and technical service department with questions.*

ASI 6900 EXTREME FAST-GRAB HYBRID ADHESIVE

COLORS

ASI 6900 is available in natural white. Additional colors can be available for purchase. Inquire to ASI sales staff for additional information.

PACKAGING

ASI 6900 is available in cartridges and can be made available in pails and drums. Additional packaging options may be available. Inquire to ASI sales staff for additional information.

SURFACE PREPARATION

All surfaces should be dry and clean. 100% IPA (isopropyl alcohol) or acetone can be used to clean the surface depending on the substrate. DO NOT USE petroleum based solvents. Priming for ASI 6900 is not normally required. If a primer is required, please inquire to ASI sales staff. Unprimed adhesion can be easily tested by applying a small trial bead and allowing 7 days for maximum adhesion to occur. If primer is required, contact ASI.

DIRECTIONS

ASI 6900 is ready to use and requires no mixing or additives. Tooling, if necessary, should be done before skinning takes place. In applications where partial or total confinement of sealant is prevalent, the time required for proper cure is generally lengthened by the degree of confinement. Higher temperature and higher humidity will accelerate skin & cure time. Cold temperatures and low humidity will slow down skin & cure time.

CLEAN UP

Wet adhesive can be cleaned with ASI 0240 Adhesive Remover & Cleaner. Dry sealant can be removed by abrading or scraping with aid from ASI 0240. See ASI 0240 TDS for more information.

CAUTION/SAFETY

Please refer to the SDS for the corresponding product for information regarding safety and handling.

TESTING

Test per application requirement. Allow 7 days for maximum strength to develop before testing adhesion or strength.

STORAGE

When stored at 70°F and 50% RH, ASI 6900 has a shelf-life of 12 months from date of shipment in cartridges. When stored at 70°F and 50% RH, ASI 6900 has shelf-life of 6 months from date of shipment in pails and drums. High temperature and high humidity can significantly reduce shelf-life.

LIMITATIONS

Do not store at elevated temperatures. Use only on clean surfaces free of contaminants. Cold temperature and low humidity will slow curing (32°F and below will be most significant). Do not use on olefins such as polyethylene, polypropylene or TPO prior to testing. Test all paints before application. Allow treated wood & asphalt to cure 6 months before application. Long-term submersion under water can cause loss of adhesion on some substrates. Coverage, surface area, pounds per square inch of bond area and other factors can affect the initial holding strength. Test all applications prior to use and keep the area safe and clear of traffic prior to testing to make sure the product is cured and is performing as intended for that application. *Product formally called ASI 5903 but renamed ASI 6900.*

WARRANTY LIMITATIONS

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made. It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application. Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain such authorization. Because the storage, handling and application of the material is beyond ASI's control, we can accept no liability for the results obtained. ASI's sole limited warranty is that the product meets the manufacturing specifications in effect at time of shipment. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. ASI will not be liable for incidental or consequential damages of any kind. The exclusive remedy for breach of such limited warranty is a refund of purchase price or replacement of any product shown to be other than as warranted. Suggestions of uses should not be taken as inducements to infringe upon any patents.

INNOVATIVE ASI HYBRID TECHNOLOGY

VOC COMPLIANT

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