

# ASI'S INNOVATIVE HYBRID PRODUCTS

ASI's innovative hybrid sealants and adhesives are made using one of the most advanced, high performance polymer technologies available in sealants today.

Using this silyl-terminated polyether technology we have formulated products made to outperform conventional technologies as well as other hybrid polyether products seen in the market. Our team has been able to increase user safety by eliminating solvents, isocyanates and large amounts of VOC's. Our hybrid polyether products are 100% solids, UV and weathering resistant, easy to dispense and tool, capable of exterior use in extreme climates, paintable, extremely low odor, VOC compliant and california proposition 65 compliant.



## HYBRID PRODUCT LINE

**ASI 5900 • ASI 55 • ASI 57  
ASI 53JM**

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### DISADVANTAGES OF POLYURETHANES

- Long Skin & Cure Time
- Water/Moisture Before Cure Causes Bubbling & Outgassing
- Health Risk, Contains Isocyanates
- Can Be Difficult to Tool & Use
- Lack of Adhesion To Some Substrates

**X**

### DISADVANTAGES OF SILICONES

- Not Paintable
- Must Cure Before Water Contact
- Acetoxy Silicone, High Odor
- Limited Use As an Adhesive

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### DISADVANTAGES OF SOLVENT BASED SEALANTS

- Health Risk, High VOC Content
- Product Shrinks When Solvent Flashes Off
- Low Elongation & Movement Capabilities
- Hard to Tool When Cold, Runs When Hot
- Packaging Constraints Due to Solvent
- Weatherability Can Vary

**X**

### DISADVANTAGES OF ACRYLICS

- Washes Off With Rain
- De-bonds From Ponding Water
- Shrinking Due to Water Loss
- Slow Strength Build Up
- Freezing Constraints
- Low Physical Properties
- Exterior Use Constraints