

A NEW STANDARD IN CONSTRUCTION SEALANTS



AU-1 is a premium, elastomeric, Acrylic Urethane Sealant for use in a number of exterior applications, including window and door installation, siding, and more. AU-1's unique Acrylic Urethane technology offers unmatched adhesion, durability, and UV resistance over time.

- Easy application & cleanup
- Available in 12+ Colors
- Maintains adhesion & flexibility over competitors
- Best-in-class paintability
- UV & Weather resistant – no cracking or yellowing
- Low VOC
- 70% joint movement ($\pm 35\%$) & 800% elongation

SPECIFICATIONS:

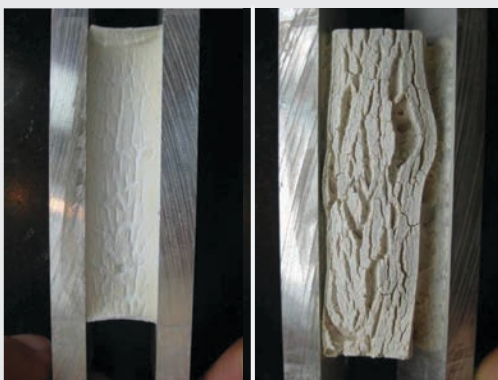
- ASTM C-834 -18°C
- Meets physical requirements of AAMA 808.3
- Fed Spec TTS-00230C
- ASTM C-920 Class 35
- TCBSAT-30***



AU-1 VS. The Competition

ASTM C-1519 Durability Results

- Xenon Arc
- 5 Cycles
- 4,000 Hrs



AU-1


Polyurethane

FOR USE WITH:

- Concrete
- Masonry
- Stucco
- Glass
- Metal
- Building Wraps
- Fascia
- Flashing

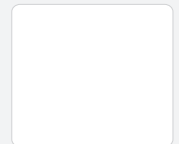
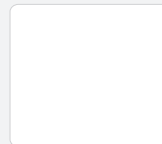
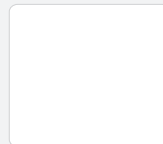
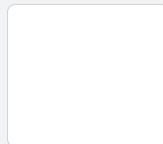
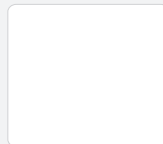
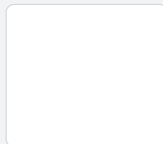
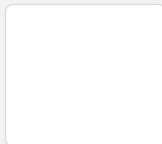


AU-1 VS. THE COMPETITION

		SIKA - Sika Flex I-A	Bostik DuoSil	Dow Corning 795	OSi Quad	OSi Quad Max	Dap Dynaflex 230
CHEMISTRY	Acrylic Urethane	Polyurethane	Urethane Acrylic	Silicone	Solvent	Hybrid	Acrylic Latex
EASE OF APPLICATION	AU-1 ✓						
Soap & Water Cleanup	✓	Solvent	✓	Solvent	Solvent	Solvent	✓
Recommended Tooling Process	Light Tooling	Light Tooling	Do Not Tool	Light Tooling	Do Not Tool	Light Tooling	Light Tooling
Paintable	6-8 Hours	7 Days	1-2 Hours	✗	7-14 Days	1 Hour	2-4 Hours
Application Temp	40°F+	40°F+*	40°F+	0°F+	20°F+	0°F+	40°F+
DURABILITY	AU-1 ✓						
ASTM C-920	Class 35	Class 35	Does Not Pass C920	Class 35	Class 35	Class 35	Class 35
Excellent Adhesion to 30 Substrates	✓	✓	Not Tested	✓	✓	✓	Not Tested
Maintains 88% Initial Peel Strength After 2yrs**	✓	✗	Not Tested	✗	✗	Not Tested	Not Tested
Excellent UV Resistance	✓	✗	Not Stated	✓	✓	✓	Not Stated
Service Temp	-40°F - 180°F	-40°F - 170°F	-30°F - 170°F	-40°F - 300°F	-20°F - 200°F	-50°F - 300°F	-30°F - 180°F
Elongation	800%	550%	Not Stated	400%	550%	500%	Not Stated
Maximum Joint Width	2"	1.5"	1"	<1"	3/8"	5/8"	2"
ECO-FRIENDLY	AU-1 ✓						
Volatile Solvent Free - Low VOC	✓	✓	✓	✓	✗	✓	✓
Low VOC at Job Site (Sealant & Cleanup)	✓	✗	✓	✗	✗	✗	✓
Plasticizer, Isocyanates, and Pthalate Free	✓	✗	Unknown	✗ Silicone Oil	✗	✗	✗
No Paint Discoloration or Shiners	✓	✗	Unknown	Cannot Paint	✗	✗	✗
No Mold or Mildew from Plasticizer Migration	✓	✗	Unknown	✓	Other Solvents	✗	✗
Shelf Life	24 Months	6-12 Months	12 Months	12 Months	24 Months	24 Months	12 Months

All information gathered from internal testing and/or manufacturer technical data sheets
 *Sealant must be 65°F-75°F per manufacturer instructions
 **Information derived from TOWER's internal TCBSAT testing

Price



*** TCBSAT-30 or TOWER® Common Building Substrate Adhesion Test. AU-1 is applied to 30 common building substrates and tested in accordance with a modified version of ASTM C-794. Results shown are from internal testing completed at TOWER'S facility. The minimum adhesion values used in TCBSAT-30 are significantly higher than those required by ASTM C-920.



TOWER
SEALANTS