

APS 500[®]

ADVANCED POLYMER SEALANT

APS 500[®] is formulated to provide superior adhesion, excellent resistance to weathering and is compatible for use with a variety of substrates. Supplied in plastic tubes with screw-on nozzles. Available in smooth or textured finish.

Over 24 Colors Available!

*Denotes standard colors.



NOTE: Colors listed do not represent actual colors. Contact your local distributor for the APS500[®] color selector swatches for accurate color match.

Applications

- Window Trim
- Doors & Skylights
- Siding
- Metal Architecture
- Curtain Walls & Joints
- Coated Metal Roofs

Performance

- Paintable
- VOC Compliant
- Fast Curing
- Installs at -35°F to +140°F
- Non-Yellowing
- UV Resistant

Adheres to Kynar[®], Galvanize, Galvalume[®], Copper, Stainless Steel, Zinc

Do you need a custom color?
We can match your specific needs!

Product Specifications

Physical Property	Test Method	Typical Value
Tensile Strength	ASTM D412	205 psi
Elongation	ASTM D412	650%
Shore Hardness	ASTM D 2240	25 ±5
Service Temperature		-75°F to 300°F
Join Sealant Designation	ASTM C920	Type S, Grade NS, Class 50, use T, NT, G, M
Adhesion and Cohesion	ASTM C719	Pass on glass, Aluminum and concrete for ± 50% movement
Adhesion-in-Peel, 2 inches/ minute @ 25°, N (lbf)	ASTM C794	Aluminum 37 pli Glass 35 pli Concrete 34 pli
Staining	ASTM D2203	None
Lap Shear	ASTM 961-06	190 psi
Density	Industrial Method	1678 g/L
VOC	EPA Method 18	9 g/L (0.14)
HAP	EPA Method 311	0.08 g/L (0.005% by weight)
Low Temp. Flexibility	ASTM C 711	Pass -10° F, 1/4 inch mandrel
High Temp. Flexibility	Industrial Method	Up to 425° F for short periods
Cure Rate	Industrial Method	1/4 inch bead per 24 hrs.
Skin Time Cure Time	Industrial Method	40° F at 40% humidity 40 minute 2-3 days
		75° F at 50% humidity 10 minute < 24 hours
		95° F at 95% humidity 5 minute

*The values outlines reflect testing that was conducted on laboratory prepared specimens, actual results may vary. The information provided in the above table is not intended for use in preparing specifications. Please consult manufacturer for additional information.

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Bonds To



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Limited Warranty: Satisfaction guaranteed when handled and applied according to label.