



***The Problem:
Competitor Adhesives***

- Require use of different adhesives for different materials
- Have slow cure speeds
- Give a tacky surface finish
- Can be difficult to sand and paint
- Have poor off ratio performance

***The Solution:
Plexus® Adhesives***

- Enable primerless adhesion to multiple materials
- Have fast cure speeds
- Give tack free finishes and accept paint
- Have easy to sand versions
- Can handle off ratio mixing

Contact us to conduct an assembly line audit to find out if Plexus® is right for you!
cs@itwpp.com

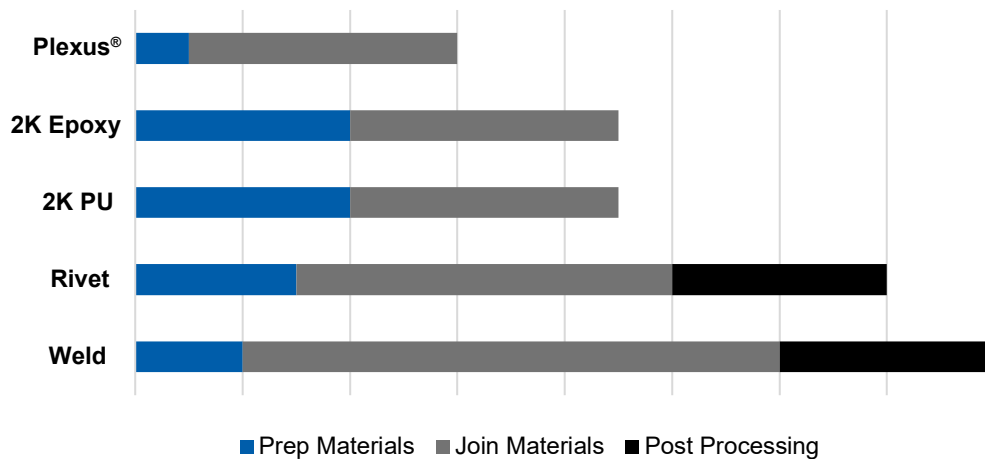


Structural Bonding Solutions for Sign Manufacturers

Product	Color	Description	UL approval	Open time	Mix ratio	Tensile strength (psi)	Tensile elongation (%)													
								Aluminum	Raw Steel	Coated Metals	Galvaneal	Stainless Steel	Polycarbonate	Acrylic	Nylon	PPO / PPE	Polystyrene	ABS	Rigid PVC	
MA8110	Gray	Multimaterial Bonding	No	8 - 12	1:1	3,350	40 - 70	++	++	++	++	++	++	++	++	++	++	++	++	++
MA8120	Gray	Multimaterial Bonding	No	18 - 22	1:1	2,750	50 - 80	++	++	++	++	++	++	++	++	++	++	++	++	++
MA205HV	Green	Fastest Metal Bonder	Yes	3 - 5	10:1	2,250	20 - 50	++	++	++	+	++	++	++	+	++	++	++	++	++
MA830	Gray	Aluminum Bonder	Yes	4 - 6	10:1	3,500	30 - 60	++	++	++	-	++	++	++	-	++	++	++	++	++
MA832	Gray	Aluminum Bonder	Yes	12 - 16	10:1	2,850	30 - 60	++	++	++	-	++	++	++	-	++	++	++	++	++
MA320	White	UV Stable White	No	8 - 12	10:1	1,950	60 - 100	+*	+*	++	-	++	++	++	-	++	++	++	++	++
Devcon Plastic Welder White	White	UV Stable White	Yes	2 - 3	1:1	3,350	15 - 25	+*	+*	++	-	++	++	++	-	++	++	++	++	++
MA685	Clear	Clear Adhesive	No	7 - 12	10:1	4,000	<10	+*	+*	+	-	+*	++	++	-	++	++	++	++	++

++ Excellent adhesion with no to little surface preparation. + Good adhesion with some surface preparation. - Not recommended. * Use PC120 Cleaner Conditioner for optimum long term environmental durability

Relative Labor Spent to Assemble



Plexus Adhesives

- Ensure great stress distribution and fatigue resistance for optimal durability
- Have excellent weather resistance
- Offer high elongation enabling dissimilar material joining

