



***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

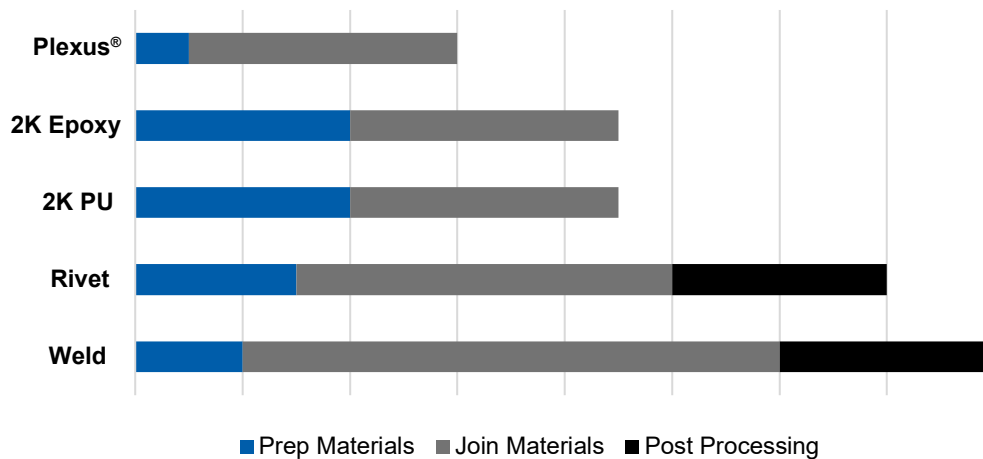


Structural Bonding Solutions for Sign Manufacturers

| 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

