



Reduce Assembly Time with Fast-Curing Plexus Adhesives

1 Wood Composite Structures

The Plexus® range of advanced adhesives are most suitable for bonding a variety of furniture applications. Plexus adhesives enable primerless bonding of mixed materials, including composites, wood, rubbers, and metals. Furniture manufacturers choose Plexus adhesives to help create more robust products and to speed up their assembly process.

2 Legs & Hardware

3 Mixed Material Assembly

Benefits

Fast Strength Development

Unclamps faster than current solutions.
Longer open time.

Improve Durability

Excellent fatigue resistance.
High strength, elongation, and impact resistance.

Reduce Surface Preparation

No primers or adhesion promoters required.
Wide adhesion range of substrates.

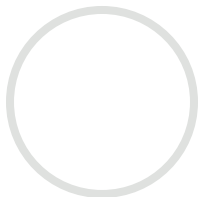
Mixed Material Bonding

Primerless to metals, thermoplastics & composites.
Enables new engineering designs.

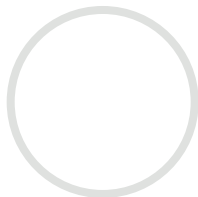
Easy to Use

Handles off-ratio mixing.
Thixotropic beads that don't sag.

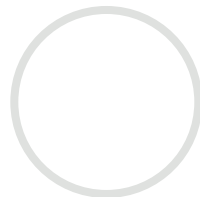
Key Substrates



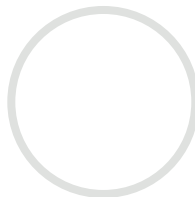
Metals



Thermoplastics



Composites



Rubber



Furniture Bonding Applications

Product	Applications	Chemistry	Mix Ratio	Working Time min.	Fixture Time min.	Tensile Strength psi (MPa)	Tensile Elongation %	Substrate Adhesion				Unique Properties		
								Raw Metal	Coated Metals	Amorphous Plastics	Composites	Primerless to Metal	Low Shrink	Low Odor
MA300	All Purpose, High Strength	MMA	1:1	3 - 6	10 - 13	3,510 (24.2)	20 - 40	●*	●	●	●			
MA310	All Purpose, High Strength	MMA	1:1	15 - 18	38 - 40	4,410 (30.4)	5 - 15	●*	●	●	●			
MA8105 GB	Low Odor, High Toughness, Primerless to Metal	MMA	1:1	3 - 6	12 - 14	3,285 (22.7)	5 - 10	●	●	●	●	●	●	●
MA8110 GB	Low Odor, High Toughness, Primerless to Metal	MMA	1:1	8 - 12	35 - 50	3,285 (22.7)	25 - 45	●	●	●	●	●	●	●
MA8120 GB	Low Odor, High Toughness, Primerless to Metal	MMA	1:1	18 - 22	75 - 90	2,907 (20.5)	50 - 80	●	●	●	●	●	●	●
MA420	All Purpose, High Strength, High Toughness	MMA	10:1	4 - 6	15 - 17	2,430 (16.8)	20 - 40	●*	●	●	●			
MA205 HV	Primerless to Aluminum, Ultrafast Fixture Times	MMA	10:1	3 - 5	7 - 9	1,980 (13.7)	15 - 30	●	●	●	●	●		
MA3940 LH	All Purpose, High Strength, High Toughness	MMA	10:1	3 - 6	7 - 8	1,900 (13.1)	35 - 65	●*	●	●	●			
PU2105	Primerless to Metal, No Odor, Low Shrink, Non-Flammable	PU	1:1	3 - 4	25 - 35	4,060 (28)	5	●	●	●	●	●	●	●
H4110	Primerless to Metal, Elastic, Low Shrink, Non-Flammable	Hybrid	1:1	8 - 12	65 - 75	945 (6.5)	150	●	●	●	●	●	●	●

● Preferred ● Good * PC120 Cleaner/Conditioner Recommended