



## PVC TrimWelder™ Fast Cure

PVC TrimWelder™ Fast Cure is a medium viscosity, solvent-free structural adhesive system that provides flexibility, toughness and surface adhesion for bonding all forms of PVC to itself, metals or wood. Cured performance shows excellent adhesion and bond strength to nylons, polystyrenes, fiberglass, reinforced plastics, stone, ceramics and most plain and plated metal components. This material can withstand thermal cycling and shock loading between dissimilar materials. Fast Cure is ready to handle in 10 - 30 minutes.

PVC TrimWelder™ Fast Cure adhesive does not require special surface preparation and does not contain any solvents. It will work successfully in most applications without preparation. It is so strong that it appears to weld the PVC together. This adhesive has a creamy consistency that will not foam, run or drip.

PVC TrimWelder™ Fast Cure is a fast curing, two-component product with an open time of 4 - 7 minutes at 73°F after thorough mixing with approved mix tips. It will cure satisfactorily at application temperatures as low as 20°F.

<b>Technology / Base</b>	Two-component Methylmethacrylate (MMA)
<b>Type of Product</b>	MMA
<b>Curing Mechanism</b>	Polymerization
<b>Appearance / Color</b>	White
<b>Consistency</b>	Liquid

### Features and Benefits

- Permanent unitizing structural adhesive
- Excellent adhesion to PVC
- Matches white PVC trim boards
- Paintable, sandable and UV resistant
- Fast setting, easy to apply and solvent free
- Fills nail holes and gaps
- Meets 2009 EPA VOC & CARB requirements

### Technical Data

Property	Typical Uncured Values (Liquid)	
Viscosity	50,000 cp	mixed at 25°C
Specific Gravity	1.01	(20 / 20°C)
Flashpoint	51°F	(COC method)
Toxicity	Moderate	see SDS
Solvents	None	
Mix Ratio	1 : 1	
Fillers	Yes	
Clean Up Solvents	MEK, Acetone	

Applies to both adhesive and activator sides



**Technical Data (Continued)**

Property	Typical Cured Values (Solid)	
Shore D Hardness	75	
Adhesive testing on plastics, PVC, ABS glass filled nylon, styrene	Substrate failure	
Thermal Service Range	-65°F to 260°F	
Chemical Resistance	Excellent	
Elongation	60%	
Impact Resistance	20 ftlbs/in <sup>2</sup>	on Steel
Peel Strength	20 to 25 psi	on Aluminum
Lap Shear Strength	2,340 psi 3,390 psi 3,365 psi	as rec'd CRS aluminum grit blasted steel

Typical Film Thickness 0.030"

**Typical Applications**

Combine resin and activator in equal volume and mix thoroughly. For convenience and accuracy use pre-measured cartridges with disposable static mixers. Open time is 4 - 7 minutes at room temperature. Handling strength within approximately 10 - 30 minutes.

**Typical Packaging**

Side-by-side cartridges.

**Application Instructions**

Consult the packaging instructions on proper preparation, application and clean up.

**Storage Conditions**

Shelf Life is 12 months when properly stored in an unopened original container in a cool, dark area between 55°F to 75°F.

**Safety and Disposal**

Please refer to the SDS for safety advice and disposal instructions.

To minimize the risk of skin contact, we recommend the use of eye protection, gloves and protective clothing when working with this material. Prevent the build-up of vapors. Extinguish all sources of ignition during use.

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