



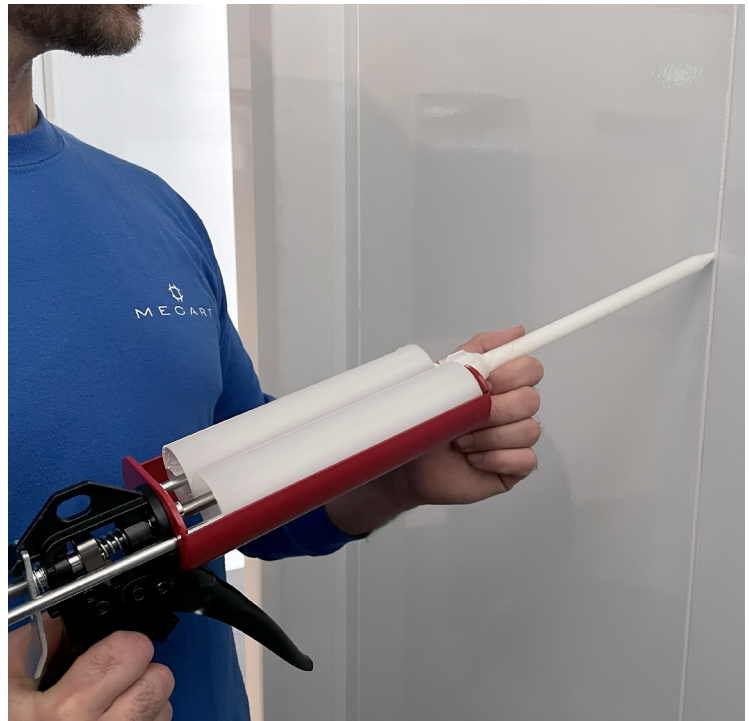
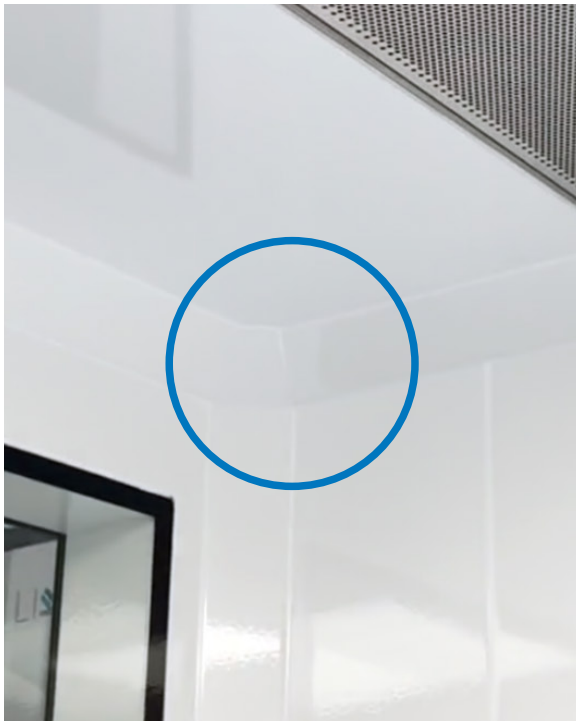
M E C A R T

CLEANROOMS

NEW Clean Weld - For A RIGID, Reliable Bond and Seal

To bond and seal Mecart walls and ceiling panels, accessories, moldings, and trims, we can use a two-component, ultra-white, high-strength structural blend. It has a rigid and durable high-gloss finish, has no odor even while curing, and is environmentally neutral after curing.

- ✓ **Non-Flammable** – does not require explosion-proof equipment
- ✓ **Environmentally Recommended** – no VOC content; does not contain ozone depleting chemicals
- ✓ **Environmentally/UV Resistant** – resists weathering, humidity, and salt spray; bright white color that will not yellow
- ✓ **Chemically Resistant** – solvent resistant when cured. Painting and most cleaning processes do not affect bond strength
- ✓ **Non-Sag** – full-bodied formula holds bead pattern on horizontal surfaces, allowing for greater processing flexibility; non-slumping
- ✓ **Fast Cure** – can be handled within 60 minutes, ideal for smaller bonding and sealing applications



TYPICAL PROPERTIES* OF MIXED SOLUTION	
Part A and B	
Mix Ratio by Volume, Resin to Curative 1:1 1:1	01:01
Solids Content by Weight	100%
Working Time, min @ 77°F (25°C)	45
Purge Time, min @ 77°F (25°C) 2 - 3 10 - 15	10-15
Time to Handling Strength, hr @ 77°F (25°C)	5-6
Cured Elongation, %	166%

* Data is typical and not to be used for specification purposes. Given a 1/2" (12.5 mm) diameter bead.

TYPICAL PROPERTIES*		
	Part A	Part B
Appearance	Translucent Paste	White Paste
Viscosity, cP @ 77°F (25°C)	40,000 - 160,000	130,000 - 230,000
Density - lb/gal	9.64 - 10.04	9.95 - 10.25
Density - (kg/m3)	(1155 - 1203)	(1192 - 1228)
Flash Point (Closed Cup), °F (°C)	>200 (>93)	>200 (>93)

* Data is typical and not to be used for specification purposes. Given a 1/2" (12.5 mm) diameter bead.

Application Surface Preparation	Surfaces should be free of grease, dirt and other contaminants. for optimum bond performance.
Mixing	Mix resin with the appropriate curative at a 1:1 ratio, by volume. Handheld cartridges will automatically dispense the correct volumetric ratio of each component.
Applying	Apply adhesive/sealant using handheld cartridges. Assemble parts within working time of the adhesive/sealant.
Curing	Mecart's adhesive/sealant will cure to full strength in 24 hours at room temperature, 77°F (25°C), or in 45 minutes at 140°F (60°C). Adhesive/sealant will cure to full strength in 48 hours at room temperature, 77°F (25°C), or in 45 minutes at 140°F (60°C).
Cleanup	Clean equipment and tools prior to the adhesive cure with organic solvents such as acetone or methyl ethyl ketone (MEK). Do not use alcohol. Once adhesive is cured, heat the adhesive to 300°F (149°C) or above to soften the adhesive. This allows the parts to be separated and the adhesive to be more easily removed. Some success may be achieved with commercial adhesive strippers.

