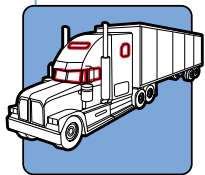
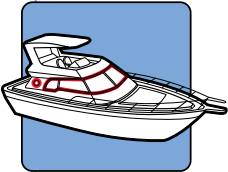
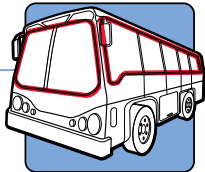


# Glass Bonding and Glazing

## A difference you can see

It takes a special polyurethane to form the bonds and seals around windows and glass. Moisture must be sealed out completely, yet flexibility is paramount to ensure a seal that won't dry out, withstands pounding and vibrations, and protects the glass. 3M™ Polyurethane and Hybrid Adhesives & Sealants and 3M™ Primers and Cleaners for windows and glass are specifically formulated for the unique characteristics and requirements of structural glass bonding and window glazing. Strong yet flexible. Crack resistant. They're ideal for structural windshield installations, PMMA windshield applications, hard-to-bond polycarbonates and acrylics, and flush-mounted glass for both marine and automotive use.



## POWER Line Products for Glass Bonding and Sealing—Application Summary x = Good xx = Best choice

	SEALANTS		PRIMERS/CLEANERS				
	590*	4000UV*	P590	P591	P592	P595	C596
Sealing	xx	xx	N/A	N/A	N/A	N/A	N/A
Bonding	xx	xx	N/A	N/A	N/A	N/A	N/A
Primer/Cleaner**	N/A	N/A	P	P	P	P	C
Chemical Base	PU	Hybrid	NCO/MEK	NCO/MEK	Silane/Ethanol	NCO/MEK	Silane/Ethanol
Ratings, Certifications†	5		N/A	N/A	N/A	N/A	N/A
Skin Time	30 min	20 min	N/A	N/A	N/A	N/A	N/A
<b>GLASS APPLICATIONS</b>							
Tinted Glass Bonding	xx				x	xx	xx
Fritted Glass Bonding	xx		xx			xx	xx
Polycarbonate	xx	xx					xx
PMMA	xx	xx		xx			xx
Window Glazing**		xx					
<b>PRIMING SUGGESTIONS</b>							
Concrete/Stone/Marble/Brick	N/A	N/A				x	
Steel, Anodized Aluminum, Galvanized Metal	N/A	N/A			xx	x	
PVC	N/A	N/A			x	x	x
Polyester	N/A	N/A		xx			xx
Wood/Teak	N/A	N/A					x
Porosity Sealing	N/A	N/A				x	

PLEASE NOTE: The technical information and data on these pages should be considered representative or typical only and should not be used for specification purposes.

Properties are measured at 20°C and 50% humidity. Cure time can vary greatly on the substrates bonded.

†Ratings, Certifications: 5=Crash Tested (FMVSS 212)

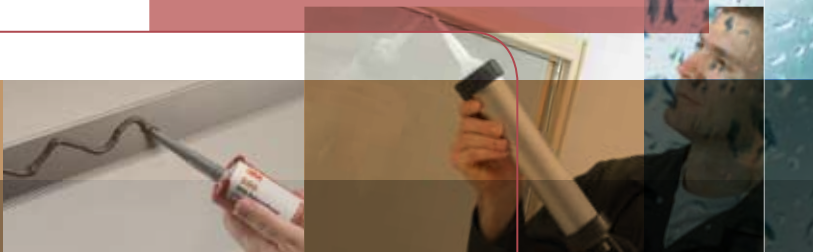
\*Refer to appropriate primers

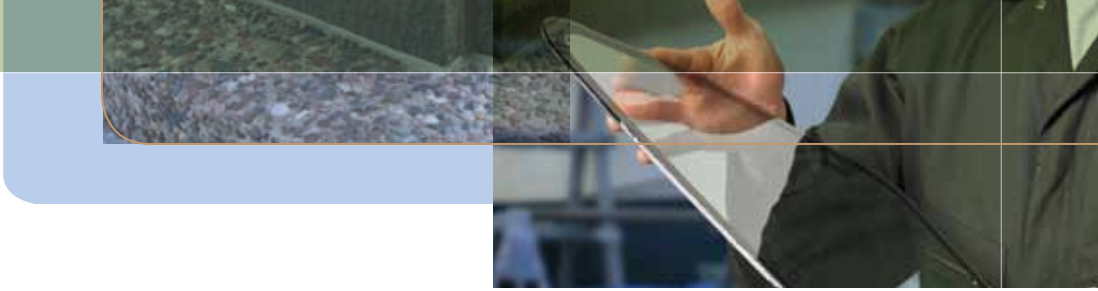
\*\*P=Primer C=Cleaner

\*\*Not to be used over uncured polyurethane

## Power Specs

- UV resistant
- Crack resistant
- Crash tested
- Permanent flexibility
- Hybrid technology for glazing and bonding





Visit [www.3M.com/powerline](http://www.3M.com/powerline) for videos and more information.

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