

XTRABOND®450

NEUTRAL CURE SILICONE SEALANT CLEAR



PRODUCT DESCRIPTION:

XtraBond®450 Clear is a one component, non-sag, permanently flexible neutral cure silicone sealant. The product is engineered to deliver excellent adhesion to vinyl, glass, aluminum, wood, sheet metal and most common building materials – without the need of a primer.

XtraBond®450 Clear cures rapidly when exposed to atmospheric moisture to form a durable tight bond. The product's design is ideal for back bedding and glazing applications – as well as other exterior applications. It's the preferred product by users, because it doesn't leave the odors associated with other silicones.

USES:

XtraBond®450 Clear can be used for a variety of applications including, but not limited to, copper sheet metal, glass replacement, window & door, industrial, etc.

DIRECTIONS FOR USE:

For best results, prepare clean surface. Cut nozzle to desired bead size. Apply with caulking gun, forcing sealant onto the substrate, then tool if needed. Clean excess material with mineral spirits or similar solvent.

SURFACE PREPARATIONS:

The substrate must be clean, dry, frost free, sound and free of any oils, greases or incompatible sealers, paints or coatings that may interfere with adhesion. Do not apply if surface is damp or contaminated. It is recommended to test all substrates prior to application.

STORAGE:

Be sure to rotate inventory accordingly. Materials must be properly stored in a low humidity (<50% RH) environment at room temperature (73 ± 2°F) in their unopened container. Cartridges/Sausages, use within 12 months from date of manufacture. Pails/Drums, use within 8 months from date of manufacture.

Weather Defense System

This XtraBond® product is a part of the XtraGuard Weather Defense System™, an integrated product line of building components developed from advanced materials research that increase the durability and comfort of residential and commercial structures by effectively managing moisture. The product's aggressive adhesion and compatibility with all major building materials makes it a critical link in the XtraGuard Weather Defense System, when combined with the company's complete line of Wraps and Nail-on Flashing Products.



FEATURES:

- Superior Adhesion to Kynar™ Coated Metals
- Excellent Adhesion to Glass
- Window & Door Approved
- Excellent UV Resistance
- Non-Paintable

COLORS:

This product is offered in a wide variety of colors using our Custom Color Matching & Mixing System. For current color offerings, please visit our website: www.premierbuildingsolutions.net/color.



CHEMICAL & PHYSICAL PROPERTIES

Skin Time	Internal Method	< 15 minutes @ 70°F / 50% RH
Tack Free Time	Internal Method	< 30 minutes @ 70°F / 50% RH
Cure Rate	Internal Method	1/4" Bead in 48 Hours
VOC	EPA Method 24	< 29 g/L, less water and exempt solvents
100% Modulus of Elasticity	ASTM D412	40 - 80 psi
Hardness (Shore A)	ASTM C661	20 ± 5
Movement Capacity	ASTM C719	± 35%
Tensile Strength	ASTM D412	90 - 140 psi
Staining	ASTM D2203	None
Sag/Slump	ASTM D2202	Minimal; < 0.2"
UV Rating	ASTM G154	No discoloration or change in appearance after 2500 hours
Service Temperature	Internal Method	-40 - 350°F

Specifications: XtraBond®450 Clear meets or exceeds requirements of ASTM C920 Type S, Grade NS, Class 35, Use NT, M, G, A. Federal Specification TT-S-00230C Type II, Class A. TT-S-001543A Type Non-Sag, Class A. AAMA 802.3-16 Type II, 803.3-16 Type I, 808.3-16.

APPROXIMATE* LINEAR FEET/COVERAGE PER 10.1 FL. OZ. CARTRIDGE (298 ML)

		WIDTH							
		1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
DEPTH	1/8"	99	49	33	24	20	16	14	12
	1/4"		24	20	12	10	8	7	6
	3/8"			11	8	6	5	5	4
	1/2"				6	5	4	3	3

*All values are approximations based upon industry information and can vary dramatically due to joint dimensions/configurations, porosity, texture of substrates, irregularities, installation techniques, waste, etc. that are beyond Premier Building Solutions' control. Premier Building Solutions is not liable for variances to linear feet/coverage; do a test area to determine material required to use.

Green Advantage Program

This XtraBond® product is a part of Premier's "Green Advantage" Program – the designation of our commitment to not only superior products & services, but also the environment. Our engineering formulations, manufacturing standards and production practices allow us to be a leader in the supply of eco-friendly and VOC compliant products. Learn more at www.PremierBuildingSolutions.net/green

Who is Premier?

This XtraBond® product is manufactured and distributed by Premier Building Solutions, a manufacturer of high performance systems that provide protection in commercial and residential buildings – as well as a variety of other industrial and transportation applications.

The company's history of innovation has led to the development of breakthrough adhesive chemistries and new industrial-strength products that help customers increase the efficiency and durability of their critical assets.

PACKAGING



CARTRIDGES



PAILS



DRUMS

LIMITED LIFETIME WARRANTY:

This product is guaranteed to give satisfactory performance if applied in accordance with the label directions. Liability to Premier Building Solutions, Inc. (Premier) is limited to a full refund of the purchase price or product replacement if product is proven defective. Premier shall not be liable for loss or damage, whether direct, consequential or incidental. There are no other warranties expressed or implied including the implied warranty of merchantability or fitness for a particular purpose.

Premier Building Solutions specifically disclaims and makes no warranties, express or implied, about this product, its merchantability, or its fitness for a particular purpose. All recommendations, directions, and suggestions for its use are consistent with our testing and research for a variety of applications, but no promises, guarantees, or warranties are being made with regard to its use, whether or not consistent with the directions, or its effectiveness for any given application. Users of this product should do so in compliance with all applicable laws and regulations. User of this product should conduct its own field test, to assure results.

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