ECO-BOND SIL 1000

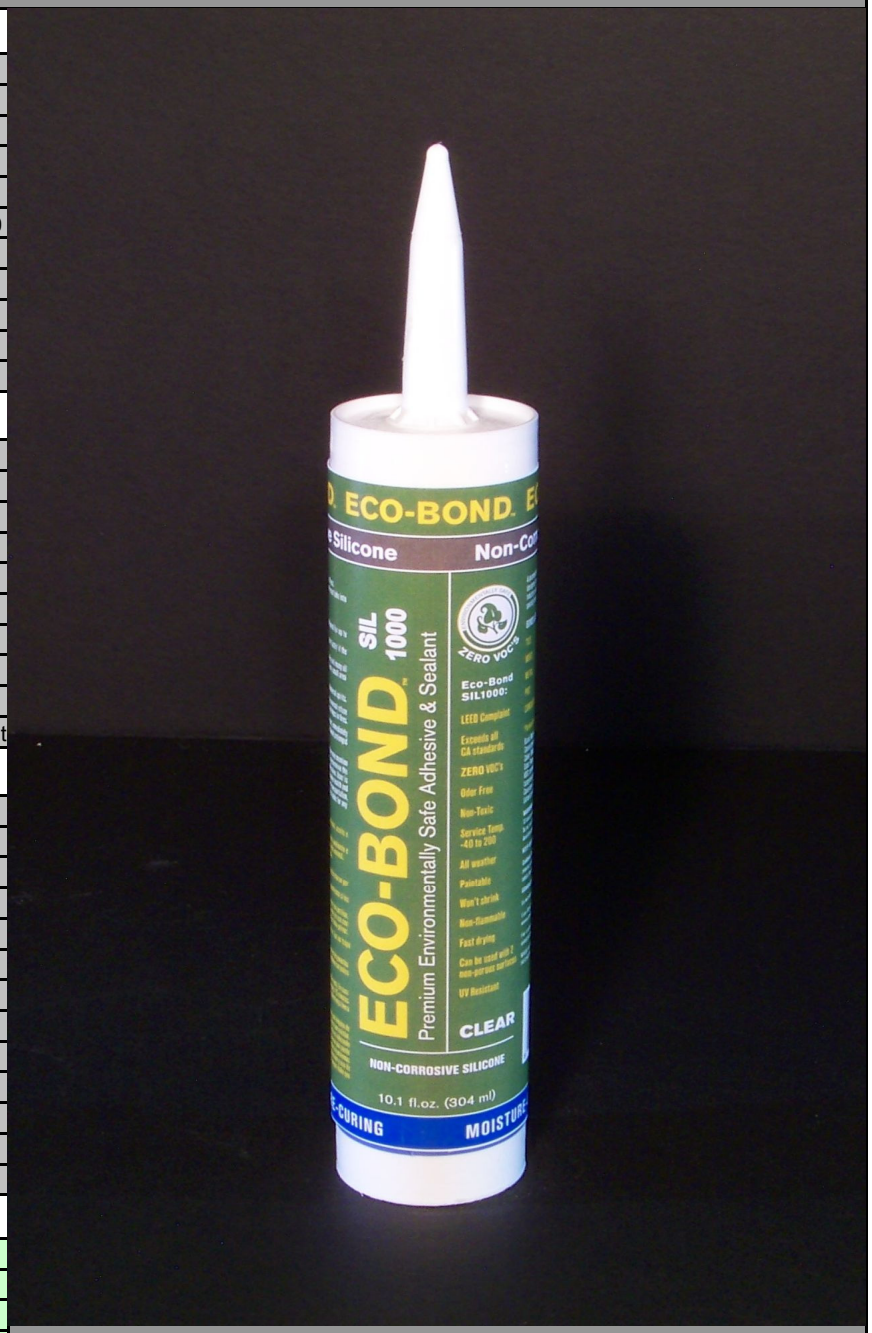
Non-Corrosive Silicone

PERFORMANCE SPECIFICATIONS:	
Shear Strength	75 psi
Tensile Strength	125 psi
Elongation	500%
Peel Strength pli 90 degree	19 pli
Application Temperature (Frost free)	30
Service Temperature	-80 to 450
Slump/sag	0
Shore A Hardness	10
Solids	100%
UV rating	Excellent
Glossy Finish	Yes

GENERAL SPECIFICATIONS:	
Paintable	No
Permanently Elastic	Yes
Odor	Mild
Moisture Curing	Yes
Staining	Limestone
Shrinkage	Non
Non Flammable	Yes
Can be used in a confined space	Yes
Tack Free	10 Min
Color	Translucent

GENERAL APPLICATIONS:
Can be applied to:
Kynar
Polycarbonate
Wood, Metal, Fiberglass
Drywall, Paneling
Glass
Siding, Wood, Cement, Vinyl, Aluminum
PVC
Laminate
Concrete
Tile
Foam
2 non porous surfaces

GREEN ATTRIBUTES:	
Materials listed on Prop 65 CA	None
Meets all California Standards	Yes
CARB Compliant	Yes
SARA compliant	Yes
LEED Compliant	Yes
SCAQMP Rule 1168 VOC	Yes
BAAQMD	Yes
Non Toxic	Yes
VOC rating at 249 degrees	33 g/liter
Isocyanate Free	Yes
Urethane free	Yes
Solvent free	Yes
Not considered hazardous waste RCRA Criteria	Yes
Ethylene Glycol	None
Carcinogens Listed	None
Chemicals on the toxic chemical List	None
LEED Leadership In Energy and Environmental Design	Yes
NAHB Green Building Guidelines	Yes



ECO-BOND

Setting a New Standard

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ECO-BOND SIL 1000

Product Description
ECO-BOND SIL 1000 is a moisture curing, modified polymer adhesive/sealant designed for application in damp, dry or cold climates. ECO-BOND SIL 1000 is petroleum free, solvent free and contains no isocyanates. ECO-BOND SIL 1000 will not shrink upon curing, will not discolor when exposed to UV light, and can not “outgas” or bubble on damp surfaces urethane sealants often do. ECO-BOND SIL 1000 has excellent adhesion to most construction materials and resilient “elastomeric” properties. ECO-BOND SIL 1000 is capable of joint movement in excess of 50% compression and extension. Because it cures in wet or dry climate conditions and at low temperatures (30° F), ECO-BOND SIL 1000 can be used effectively in almost all applications.

Applicable Performance Standards
• ASTM C-920, Type S, Grade NS, Class 25, Uses NT, G, A M and O
• Federal Specification TT-S-001543A Class A
• Corps of Engineers CRD-C-541, Type II, Class A
• Canadian Standards Board CAN/CGSB1111119. 13M87
• Conforms to OTC Rule for Sealants and Caulks
• Meets requirements of California Regs: CARB and SCAQMD
• Conforms to California Proposition 65
• Conforms to USDA Requirements for Non-food Contact

Green Standards:
• LEED 2.2 for New Construction and Major Renovations: Low Emitting Materials (Section 4.1) 1 Point
• NAHB Model Green Home Building Guidelines: 5 Global Impact Points
• VOC Content at 249° F: less than 33 grams/liter (including water), ASTM D2369, EPA Method 24

Colors
Translucent, Some color available in batch orders

Application Instructions
1. Remove all dirt, oil, loose paint, frost and other contamination from all working surfaces with alcohol. DO NOT USE petroleum solvents such as mineral spirits or xylene.
2. Maintain ECO-BOND at room temperature before applying to ensure easy gunning.
3. Test and evaluate to ensure adequate adhesion.
4. Apply with a quality caulk gun.
5. Cut the cartridge nozzle at a 45° angle and to the desired gauge/length.
6. Puncture inner seal and carefully gun the sealant with a smooth, continuous bead.
7. If tooling is needed, do so within fifteen minutes.
8. Install all joint applications per ASTM and SWRI recommendations and guidelines. Joints shall be designed with a depth to width ratio of 1:2 (joint depth one-half the width).
9. Apply in temperatures above 30 degrees
10. Remove any standing water
11. Clean up wet ECO-BOND with alcohol, cured product maybe removed with abrasion.
12. Do not consume
13. Properly dispose of any unused product.
14. Keep out of reach of children

*Test and evaluate to ensure adequate adhesion.