

# ECO-BOND®

## FARM SAFE

### PERFORMANCE SPECIFICATIONS:

Shear Strength	170 psi
Tensile Strength	166 psi
Elongation	250%
Interior/Exterior Use	Yes
Application Temperature (Frost free)	30
Service Temperature	-40 to 220
Slump/sag	0
Shore A Hardness	30
Solids	100%
UV rating	Good
Glossy Finish	Yes

### GENERAL SPECIFICATIONS:

Paintable	Yes
Permanently Elastic	Yes
Odor	Low
Moisture Curing	Yes
Staining	None
Shrinkage	None
Non-Flammable	Yes
Can be used in a confined space	Yes
Tack Free	65 Min
Color	White

### GENERAL APPLICATIONS:

#### Can be applied to:

Wood
Stone
Metal
Drywall, Paneling
Glass
Siding, Cement, Vinyl, Aluminum
PVC
Aged Asphalt
Concrete
Tile
EPS Foam

### 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	19 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



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FARM SAFE

## Product Description

ECO-BOND's Farm Safe Adhesive/Sealant low VOC and non-toxic formulation make is the safest adhesives and sealant for use with livestock and planting and harvesting equipment. Farm Safe's bonding strength of over 200 PSI and underwater bonding capability make it the ideal solution for repairs on watering troughs, gutters and muddy pens. Farm Safe is both a heavy duty grade adhesive and a more flexible replacement for silicone that has been phased out in the new 2012 agriculture standards legislation. Farm Safe is a frost free product, it will not freeze in sub-zero temperatures making it ideal for all weather conditions.

## Applicable Performance Standards

- Conforms to OTC Rule for Adhesives
- 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 240° F: less than 19 grams/liter (including water), ASTM D2369, EPA Method 24

## Colors

White

## Application Instructions

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

\*Test and evaluate to ensure adequate adhesion.