

Titebond®

THE PRO'S ADVANTAGE™

WEATHERMASTER™

METAL ROOF SEALANT

Titebond® WeatherMaster™ Metal Roof Sealant is specifically formulated to outperform all other sealant technologies, including VOC solvent, silicones, tripolymers and urethanes. This superior polymer formula provides a weather-tight seal against water, wind, dust and dirt. It offers exceptional adhesion to Kynar™ coated metal materials, along with standard metal, aluminum, steel, galvanized bonderized surfaces, plastics and glass. The product is ideal for use on a wide variety of metal roof, trim, architectural metal siding, aluminum, galvanized steel, galvanized gutters, flashing and downspouts. It also provides unbeatable adhesion to wood, masonry, PVC and most common building materials.

Titebond WeatherMaster Metal Roof Sealant is available in over 50 colors, all of which match today's popular metal roof and metal siding colors, regardless of material or manufacturer. If touch-ups are necessary, it may be painted* with a water-based (latex-based) paint one hour after application. It extrudes in extreme weather conditions (down to 0°F/-18°C) and is UV-resistant, making it the ideal choice for exterior applications. It will expand and contract with the change of weather and temperature and will not crack. This sealant contains no solvents or isocyanates and is VOC-compliant.

Comparison Guide

	METAL ROOF SEALANT	VOC Solvent	Silicone	Urethane	Tripolymer
Paintable	1 hour*	2 hours	No	2-7 days	24 hours
Shrinkage	1%	35%	5%	5%	50%
Flexibility	50%†	25%	25%	25%	25%
Cold Weather Extrusion	0°F (-18°C)	20°F (-7°C)	-35°F (-37°C)	32°F (0°C)	40°F (4°C)
VOC-compliant	Yes	Yes	Yes	Yes	Yes
Solvent-Free	YES	No	Yes	No	No
Isocyanate-Free	YES	No	Yes	No	Yes
Earth Friendly	YES	No	Yes	No	No
Gap Filling	1"	1/2"	1/2"	1/2"	1/2"
Odor	Slight	Heavy	Mild	Mild	Heavy
Service Temperature	-75° to 300°F -59° to 149°C	-20° to 200°F -29° to 93°C	-45° to 350°F -43° to 177°C	-40° to 180°F -40° to 82°C	-40° to 180°F -40° to 82°C

TOP FEATURES:

- Extrudes down to 0°F (-18°C)
- Permanently flexible – won't crack
- Exceptional adhesion to Kynar™ coated metals
- Excellent adhesion to most construction materials

QUICK HITS:

- Available in over 50 colors
- Joint movement capability +/- 50%†
- Paintable one hour after application with water-based paint*

* Titebond WeatherMaster Metal Roof Translucent (#61111) is not paintable.

** Titebond WeatherMaster Metal Roof Translucent (#61111) is 25% flexible.



TITEBOND® WEATHERMASTER™ METAL ROOF SEALANT

PHYSICAL PROPERTIES

Type: Advanced polymer
Solids: 98%
Viscosity: 500,000 cps
Flashpoint: Solvent free/Not applicable

Reactive VOC: 9 g/L (<2% wt) white & colors;
 28 g/L (<3% wt) translucent
Weight/gallon: 13.85 lbs. white & colors, 8.4 lbs. translucent
Freeze/thaw stability: Stable/will not freeze
Storage life: 18 months in tightly closed containers at or below 75°F (24°C)

APPLICATION GUIDELINES

Application temperature: Above 0°F (18°C)
Service temperatures: -75°F to 300°F (-59°C to 149°C) white & colors, -40°F to 350°F (-40°C to 177°C) translucent
Method of application: Cartridge/caulking gun, bulk/sausage gun
Coverage (maximum): Approximate length of bead according to bead diameter:

Container	1/4" bead	3/8" bead	1/2" bead
10.1 oz. Cartridge	31 ft	14 ft	8 ft

Joint Design: Joints should be designed with a depth to width ratio of 1:2 (joint depth one-half the width).

Joint Width inches (mm.)	Joint Depth inches (mm.)
1/4 to 1/2 (6-13)	1/8 to 1/4 (3-6)
1/2 to 3/4 (13-19)	1/4 to 3/8 (6-10)
3/4 to 1 (19-25)	3/8 to 1/2 (10-13)
1 to 2 (25-50)	1/2 (13)

Tooling time: For a 1/4" bead, approximately 10-15 minutes, depending on temperature and humidity.

Working surfaces: Surfaces must be cleaned down to the original substrate and free from any material that may prevent adhesion. It is the sole responsibility of the user to thoroughly test any proposed use with all substrates to determine project suitability. To ensure neat sealant lines, mask areas adjacent to joints.

Cleanup: Uncured material may be cleaned with isopropyl alcohol.* After curing, excess sealant must be cut or scraped away. Follow solvent vendor's precautions when using solvents.

PRODUCT FEATURES

- Outperforms silicone, tripolymer and urethane sealants
- Applies easily in extreme weather conditions and provides a permanently flexible, weather-tight seal
- Excellent adhesion to most common building materials including Kynar™ coated metals
- UV-resistant and VOC-compliant
- Exceeds the requirements of ASTM C920 Type S Grade NS Class 50[†] Use NT, T, G, A and O and Federal Specification TT-S-00230C, Type II, Class A
- Meets the requirements of CAN/CGSB-19 13-M87, Classification MCG-2-40-A-N[‡]
- Meets the requirements of ASTM G155, ASTM E162 Surface Flame Spread, ASTM E662 Smoke Generation and is USDA approved for use in meat and poultry areas (white & colors)
- Meets the requirements of AAMA 808.3-92 (translucent)

LIMITATIONS

Air, sealant and surface temperature should be above 0°F (-18°C). **WeatherMaster Metal Roof Sealant is intended for exterior use. If used indoors, sealant must be painted[§].** Painting may occur one hour after application with a water-based (latex-based) paint. For other paint types, a compatibility test is recommended. To ensure neat sealant lines, mask areas adjacent to joints. Always apply sealant in a bead form. Once sealant is applied, do not wipe with solvents. Once sealant is dry to the touch and does not transfer, remove masking tape. If joint depth exceeds 1/2", use backing material. Not designed for continuous submersion or use below the waterline. Store unused product in dry location at or below 75°F (24°C). For questions regarding use, please call our Help Line 1-800-347-4583 or visit us at titebond.com.

CAUTION STATEMENT

CAUTION: EYE AND SKIN IRRITANT. Do not swallow. Do not allow eye contact or prolonged skin contact. **First Aid:** If swallowed, do not induce vomiting; contact physician. If eye contact occurs, flush with water for 15 minutes. Wash skin contact areas with soap and water. If irritation from eye or skin contact areas persists, contact physician. Product releases methanol[¶] during cure. For questions, refer to Material Safety Data Sheet. **KEEP OUT OF THE REACH OF CHILDREN.**

WARRANTY INFORMATION

Limited Warranty: If not satisfied with product performance when used as directed, return container and proof of purchase to Franklin International, Inc. for replacement of product. Buyer's sole remedy shall be limited only to the replacement of product exclusive of cost of labor. No other warranties are expressed or implied.

* Titebond WeatherMaster Metal Roof Translucent (#61111) can be cleaned with mineral spirits or similar solvent before cured.

† Titebond WeatherMaster Metal Roof Translucent (#61111) is Class 25

‡ Titebond WeatherMaster Metal Roof Translucent (#61111) is Classification MCG-2-25-A-N

§ Titebond WeatherMaster Metal Roof Translucent (#61111) is not paintable.

¶ Titebond WeatherMaster Metal Roof Translucent (#61111) releases methyl ethyl ketoxime (MEKO) during cure.

Distributed by Best Materials LLC
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