



BC BUILDING PRODUCTS
THE ENVELOPE SPECIALISTS

TECHNICAL DATA SHEET

Titebond Weather Master

Manufacturer: Franklin International

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8241 129 St, Surrey, BC V3W 0A6

604-540-9040 · sales@bcbp.ca · bcbp.ca

WEATHERMASTER™

Sealant

Titebond® WeatherMaster™ Sealant is a premium-grade, superior polymer formula that offers unbeatable adhesion to wood, vinyl siding, masonry, PVC, fiber cement siding/trim and most common building materials. It can be extruded in low temperatures, remains permanently flexible with zero shrinkage, adheres well to damp surfaces and provides a weatherproof seal against the elements.

Features & Benefits

PAINTABLE IN 1 HOUR†

- Applies in extreme weather conditions
- Unbeatable adhesion to most common building materials
- Available in over 200 colors
- Joint movement capability $\pm 50\%$
- Fills gaps up to 1 inch wide
- Permanently flexible - Will not crack
- UV resistant
- Mold and mildew resistant
- Compatible with most weather-resistive barriers and systems* including those made by DuPont, LP Building Solutions, Huber Engineered Woods, GCP Applied Technologies, Henry Company and Georgia-Pacific Building Products
- VOC compliant

Application Guidelines

- **Application Temperature:** Above 0°F (-18°C)
- **Service Temperature Range:** -75°F to 212°F (-59°C to 100°C) white & colors, -75°F to 250°F (-59°C to 121°C) crystal clear (may discolor at higher temperatures) & -40°F to 350°F (-40°C to 177°C) translucent.
- **Method of Application:** Cartridge/caulking gun
- **Tooling Time:** For a 1/4" bead, approximately 10-15 minutes, depending on temperature and humidity.
- **Application Directions:** 1. Surfaces must be clean and free of any material that may prevent adequate adhesion. 2. Remove nozzle, cut tip of the nub and puncture inner foil seal. 3. Screw nozzle onto cartridge and cut tip on slant for 1/4" to 3/8" bead and place in cartridge gun. 4. Force sealant into clean joint. Always apply sealant in bead form. To ensure neat sealant lines, mask areas adjacent to joints. Once sealant is dry to the touch and does not transfer, remove masking tape. No tooling is required. It is the sole responsibility of the user to thoroughly test any proposed use with all substrates to determine project suitability.
- **Painting:** Sealant is intended for exterior use. If used indoors, sealant may need to be painted†. In most cases, painting may occur one hour after application with a high-quality acrylic, water-based (latex) paint that is plasticizer-free/resistant. For other paint types, a compatibility test is recommended.
- **Cleanup: White, Clear & Colors:** Clean uncured material with acetone or isopropyl alcohol. After curing, excess sealant must be cut or scraped away. Follow solvent vendor's precautions when using solvents.

- **Cleanup: Translucent:** Clean uncured material with mineral spirits. After curing, excess sealant must be cut or scraped away. Follow solvent vendor's precautions when using solvents.

Specifications

- ASTM C920 Type S Grade NS Class 50 Use T, NT, M, A & G
- Federal Specification TT-S-00230C Type II Class A
- Canadian Specification CAN/CGSB-19 13-M87 Classification MCG-2-25-A-N
- USDA compliant
- LEED v4.1 (white & colors)
- California Department of Public Health (CDPH) Standard Method v1.2-2017
- AAMA 714-19 (white & colors)
- AAMA 802.3-16 Type II (white & colors)
- AAMA 803.3-16 (white & colors)
- AAMA 808.3-16 (white & colors)

Physical Properties

- **Type:** Elastomeric superior polymer
- **Reactive VOC:** <50 g/L (<2%) white, colors & clear; <50 g/L (<1.5%) translucent
- **Solids:** 100%
- **Viscosity:** 102,000 cps white & colors; 650,000 cps clear & translucent
- **Weight Per Gallon:** 11.7 lbs. white & colors, 8.76 lbs. clear & 8.68 lbs. translucent
- **Freeze/Thaw Stability:** Stable
- **Storage Life:** 24 months in a dry location at or below 75°F
- **Flashpoint:** Solvent free/Not Applicable

Coverage

Container	1/8" Bead	1/4" Bead	3/8" Bead	1/2" Bead
9.5 oz. Cartridge	116 ft.	29 ft.	13 ft.	7 ft.

*Contact with asphalt or butyl may cause discoloration, but will not affect product performance.

†Titebond WeatherMaster Translucent (#44011) is not paintable.

Titebond®
THE PRO'S ADVANTAGE

WEATHERMASTER™

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Product SKUs: 9.5 oz cartridges, 12 per case, 108 cases per pallet

Part Number	UPC	Case UPC	Color
43991	037083439915	10037083439912	Clear
44001	037083440010	10037083440017	White
44011	037083440119	10037083440116	Translucent
44021	037083440218	10037083440215	Blue White
44031	037083440317	10037083440314	Black
44041	037083440416	10037083440413	Gray White
44051	037083440515	10037083440512	Bronze
44061	037083440614	10037083440611	Bronze
44071	037083440713	10037083440710	Bronze
44211	037083442113	10037083442110	Brown
44221	037083442212	10037083442219	Brown
44231	037083442311	10037083442318	Brown
44251	037083442519	10037083442516	Brown
44261	037083442618	10037083442615	Brown
44271	037083442717	10037083442714	Brown
44281	037083442816	10037083442813	Brown
44291	037083442915	10037083442912	Brown
44311	037083443110	10037083443117	Brown
44321	037083443219	10037083443216	Brown
44341	037083443417	10037083443414	Brown
44371	037083443714	10037083443711	Brown
44381	037083443813	10037083443810	Brown
44391	037083443912	10037083443919	Brown
44441	037083444414	10037083444411	Brown
44501	037083445015	10037083445012	Brown
44601	037083446012	10037083446019	Clay
44611	037083446111	10037083446118	Clay
44631	037083446319	10037083446316	Clay
44641	037083446418	10037083446415	Clay
44651	037083446517	10037083446514	Clay

Part Number	UPC	Case UPC	Color
44661	037083446616	10037083446613	Clay
44671	037083446715	10037083446712	Clay
44681	037083446814	10037083446811	Clay
44691	037083446913	10037083446910	Clay
44701	037083447019	10037083447016	Clay
44711	037083447118	10037083447115	Clay
44721	037083447217	10037083447214	Clay
44731	037083447316	10037083447313	Clay
44741	037083447415	10037083447412	Clay
44751	037083447514	10037083447511	Clay
44761	037083447613	10037083447610	Clay
44771	037083447712	10037083447719	Clay
45501	037083455014	10037083455011	Off White
45511	037083455113	10037083455110	Antique White
45521	037083455212	10037083455219	Red
45531	037083455311	10037083455318	Blue
45551	037083455519	10037083455516	Beige
45561	037083455618	10037083455615	Cedar
45571	037083455717	10037083455714	Redwood
45581	037083455816	10037083455813	Mahogany
45591	037083455915	10037083455912	Gray
45601	037083456011	10037083456018	Green
45611	037083456110	10037083456117	Blue
45621	037083456219	10037083456216	Red
45631	037083456318	10037083456315	Red
45641	037083456417	10037083456414	Red
45651	037083456516	10037083456513	Green
45661	037083456615	10037083456612	Bronze
45671	037083456714	10037083456711	Red
45681	037083456813	10037083456810	Blue

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Part Number	UPC	Case UPC	Color
45691	037083456912	10037083456919	Gray
45701	037083457018	10037083457015	Yellow
45711	037083457117	10037083457114	Green
45731	037083457315	10037083457312	Green
45751	037083457513	10037083457510	Beige
45761	037083457612	10037083457619	Green
45771	037083457711	10037083457718	Green
45781	037083457810	10037083457817	Clay
45801	037083458015	10037083458012	Blue
45811	037083458114	10037083458111	Gray
45821	037083458213	10037083458210	Clay
45831	037083458312	10037083458319	Yellow
45841	037083458411	10037083458418	Gray
45851	037083458510	10037083458517	Green
45861	037083458619	10037083458616	Red
45871	037083458718	10037083458715	Red
46001	037083460018	10037083460015	Beige
46011	037083460117	10037083460114	Beige
46021	037083460216	10037083460213	Beige
46031	037083460315	10037083460312	Beige
46041	037083460414	10037083460411	Beige
46051	037083460513	10037083460510	Beige
46061	037083460612	10037083460619	Beige
46071	037083460711	10037083460718	Beige
46081	037083460810	10037083460817	Beige
46091	037083460919	10037083460916	Beige
46111	037083461114	10037083461111	Beige
46121	037083461213	10037083461210	Beige
46141	037083461411	10037083461418	Beige
46151	037083461510	10037083461517	Beige

Part Number	UPC	Case UPC	Color
46161	037083461619	10037083461616	Beige
46171	037083461718	10037083461715	Beige
46181	037083461817	10037083461814	Beige
46191	037083461916	10037083461913	Beige
46201	037083462012	10037083462019	Beige
46211	037083462111	10037083462118	Beige
46231	037083462319	10037083462316	Beige
46241	037083462418	10037083462415	Beige
46251	037083462517	10037083462514	Beige
46261	037083462616	10037083462613	Beige
46271	037083462715	10037083462712	Beige
46281	037083462814	10037083462811	Beige
46301	037083463019	10037083463016	Beige
46311	037083463118	10037083463115	Beige
46321	037083463217	10037083463214	Beige
46341	037083463415	10037083463412	Beige
46351	037083463514	10037083463511	Beige
46361	037083463613	10037083463610	Beige
46371	037083463712	10037083463719	Beige
46381	037083463811	10037083463818	Beige
46391	037083463910	10037083463917	Beige
46421	037083464214	10037083464211	Beige
46431	037083464313	10037083464310	Beige
46451	037083464511	10037083464518	Beige
46461	037083464610	10037083464617	Beige
46471	037083464719	10037083464716	Beige
46491	037083464917	10037083464914	Beige
46501	037083465013	10037083465010	Beige
46571	037083465716	10037083465713	Beige
46601	037083466010	10037083466017	Gray

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Part Number	UPC	Case UPC	Color
46631	037083466317	10037083466314	Gray
46651	037083466515	10037083466512	Gray
46661	037083466614	10037083466611	Gray
46671	037083466713	10037083466710	Gray
46681	037083466812	10037083466819	Gray
46691	037083466911	10037083466918	Gray
46711	037083467116	10037083467113	Gray
46721	037083467215	10037083467212	Gray
46751	037083467512	10037083467519	Gray
46761	037083467611	10037083467618	Gray
46771	037083467710	10037083467717	Gray
46781	037083467819	10037083467816	Gray
46791	037083467918	10037083467915	Gray
46811	037083468113	10037083468110	Gray
46841	037083468410	10037083468417	Gray
46861	037083468618	10037083468615	Gray
46881	037083468816	10037083468813	Gray
46891	037083468915	10037083468912	Gray
46901	037083469011	10037083469018	Gray
49041	037083490411	10037083490418	Yellow
49051	037083490510	10037083490517	Yellow
49071	037083490718	10037083490715	Yellow
49091	037083490916	10037083490913	Yellow
49201	037083492019	10037083492016	Green
49211	037083492118	10037083492115	Green
49221	037083492217	10037083492214	Green
49231	037083492316	10037083492313	Green
49241	037083492418	10037083492412	Green
49261	037083492613	10037083492610	Green
49271	037083492712	10037083492719	Green

Part Number	UPC	Case UPC	Color
49291	037083492910	10037083492917	Green
49301	037083493016	10037083493013	Green
49311	037083493115	10037083493112	Green
49321	037083493214	10037083493211	Green
49331	037083493313	10037083493310	Green
49341	037083493412	10037083493419	Green
49351	037083493511	10037083493518	Green
49371	037083493719	10037083493716	Green
49381	037083493917	10037083493914	Green
49391	037083493917	10037083493914	Green
49401	037083494013	10037083494010	Blue
49421	037083494211	10037083494218	Blue
49441	037083494419	10037083494416	Blue
49451	037083494518	10037083494515	Blue
49461	037083494617	10037083494614	Blue
49481	037083494815	10037083494812	Blue
49491	037083494914	10037083494911	Blue
49501	037083495010	10037083495017	Blue
49511	037083495119	10037083495116	Blue
49521	037083495218	10037083495215	Blue
49531	037083495317	10037083495314	Blue
49541	037083495416	10037083495413	Blue
49551	037083495515	10037083495512	Blue
49561	037083495614	10037083495611	Blue
49571	037083495713	10037083495710	Blue Nightview
49581	037083495812	10037083495819	Bronze
49591	037083495911	10037083495918	Brown
49601	037083496017	10037083496014	Blue
49611	037083496116	10037083496113	Blue
49621	037083496215	10037083496212	Green

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108 cases per pallet**

Part Number	UPC	Case UPC	Color
49701	037083497014	10037083497011	Red
49751	037083497519	10037083497516	Red
49771	037083497717	10037083497714	Red
49791	037083497915	10037083497912	Red
49811	037083498110	10037083498117	Red
49841	037083498417	10037083498414	Red
49851	037083498516	10037083498513	Red
49861	037083498615	10037083498612	Red
49881	037083498813	10037083498810	Red
49891	037083498912	10037083498919	Red

Warranty Statement

Liability is limited to product replacement only.

Limitations

Not designed for continuous submersion or use below the waterline. Air, sealant and surface temperature should be above 0°F. Copper should be coated to eliminate oxidation before sealing. Sealant is intended for exterior use. If used indoors, sealant may need to be painted.[†] In most cases, painting may occur one hour after application with a high-quality acrylic, water-based (latex) paint that is plasticizer-free/resistant. For other paint types, a compatibility test is recommended. Once sealant is applied, do not wipe with solvents. **DO NOT TOOL – DO NOT SMEAR.** It is highly recommended to use backing material. Application of sealant at high temperatures may cause the sealant to sag in some applications. Do not apply WeatherMaster Translucent to polycarbonate due to solvent cracking, for Clear and Colors check with polycarbonate supplier on compatibility. Sealant releases methanol during cure[‡], check with substrate manufacturer for compatibility. For best results, store in a dry location at or below 75°F. Contact with asphalt or butyl may cause discoloration, but will not affect product performance.

[†]Titebond WeatherMaster Translucent (#44011) is not paintable.

[‡]Titebond WeatherMaster Translucent (#44011) releases methyl ethyl ketoxime (MEKO) during cure. Clear (#43991) and Colored WeatherMaster products release methanol during cure.

Visit [Titebond.com](https://www.titebond.com) for the most up-to-date product information.

Important Notice

Our recommendations, if any, for the use of this product are based on tests believed to be reliable. Since the use of this product is beyond the control of the manufacturer, no guarantee or warranty, expressed or implied, is made as to such use or effects incidental to such use, handling or possession or the results to be obtained, whether in accordance with the directions or claimed so to be. The manufacturer expressly disclaims responsibility therefore. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing laws and/or patents covering any material or use.



Franklin International

