

# Titebond Sealant/Caulk Selection Guide

Products																	
● = applicable to or true for this product.	WeatherMaster Sealant	WeatherMaster Metal Roof Sealant	WeatherMaster ULTIMATE MP Sealant	WeatherMaster Concrete Joint SL Sealant	WeatherMaster Gutter & Seam Sealant	Titebond Silicone NC Sealant	Titebond 100% Silicone Sealant	Titebond UA 920 Sealant	Titebond All Siding Sealant	Titebond Kitchen & Bath Sealant	Titebond Painter's Plus Caulk	Titebond Painter's Caulk	Titebond Radon Sealant	Titebond Roof Cement Sealant	Titebond Concrete Repair Sealant	Titebond Blacktop Repair Sealant	GREENchoice Acoustical Smoke & Sound Sealant
<b>SPECIFICATIONS AND PROPERTIES</b>																	
Chemical Base	MS(STPE) polymer *(see below)	MS(STPE) polymer *(see below)	MS(STPE) polymer *(see below)	MS(STPE) polymer	MS(STPE) polymer	Silicone neutral cure	Silicone acetic cure	Acrylic urethane	100% acrylic	Modified acrylic	Acrylic latex	Latex	100% acrylic	Asphalt based	Acrylic latex	Acrylic latex	Acrylic latex
ASTM C834 - Latex Sealants Spec.								●	●	●	●	●	●		●	●	●
ASTM C920 - Elastomeric Sealant Spec.	●	●	●	●	●	●	●	●	●	●			●				
Type (S = Single Component; M = Multi)	S	S	S	S	S	S		S	S				S				
Grade (NS = non sag, P = pourable)	NS	NS	NS	P	NS	NS		NS	NS				NS				
Class (movement capability ± 25% or 50%)	25 white & colors 50 crystal clear	50 white & colors 25 translucent	50 white & colors 25 translucent	25	25	25		25	25				25				
Use	NT, M (primed), G, A	NT, T, G, A, O	NT, T, G, A, M	T, M	N, T, M (primed), G, A	NT, M, G, A, O											
TT-S-00230C - Elastomeric Sealant Spec	●	●	●	●		●	●	●	●				●				
Type I - self leveling																	
Type II - non-sag	●	●	●	●		●	●	●	●				●				
Class A ± 25% movement	●	●	●	●		●	●	●	●				●				
Class B ± 12% movement																	
VOC Content	<3%	<3%	<3%	<3%	<3%	<3%	<3%	<1.5%	<1.5%	<1.5%	<1.5%	<1.5%	<1.5%	250 g/L	<1.5%	<1.5%	41 g/L
% Solids	98%	98%	99%	99%	98%	93%	85%	70%	78%	72%	82% white 60% clear 87% colors	82%	77%	75%	87%	87%	80%
Continuous Water Submersion (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Application Temp. Range °																	
F°	above 0	above 0	above 0	above 0	above 0	above 0	-40 to 140	40 to 120	40 to 120	40 to 120	40 to 120	40 to 120	40 to 120	above 50	40 to 120	40 to 120	40 to 120
C°	above -18	above -18	above -18	above -18	above -18	above -18	-40 to 60	4 to 49	4 to 49	4 to 49	4 to 49	4 to 49	4 to 49	above 10	4 to 49	4 to 49	4 to 49
Service Temp. Range																	
F°	-75 to 300 white & colors	-75 to 300 white & colors	-75 to 300 white & colors	-75 to 300	-75 to 300	-40 to 350	-60 to 350	-40 to 180	-35 to 180	0 to 160	-25 to 180 white & colors 0 to 160 clear	-25 to 180	-35 to 180	-40 to 120	-25 to 180	-25 to 180	-40 to 180
C°	-40 to 400 translucent	-40 to 400 translucent	-40 to 400 translucent	-40 to 149	-59 to 149	-40 to 177	-51 to 177	-40 to 82	-37 to 82	18 to 71	-31 to 82 white & colors -18 to 71 clear	-31 to 82	-37 to 82	-40 to 49	-31 to 82	-31 to 82	-40 to 82
Paintable	Y*	Y*	Y*	Y	Y	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Cure/Drying Time Before Painting	1 hr	1 hr	2 hr	1 hr	1 hr	n/a	n/a	2 hr	2-4 hours	4-6 hours	2-4 hours	2-4 hours	2-4 hours	30 days	2-4 hours	2-4 hours	2-4 hours
ASTM F84 Surface Burning Characteristics																	●
Flame Rating																	0.0
Smoke Rating																	0.0
NFPA Fire Rating - Class																	A
UL 723 - Surface Burning Characteristics																	●
ASTM E90 - Sound Transmission Loss																	●
STC rating																	49 to 53
FDA 21-CFR-177.2600 (food processing safe)							●			●							
NSF 51 Certified - Direct Food Contact							●										
CAN/CGSB 19.13-M87	MCG-2-25-A-N	MCG-2-40-A-N		C-1-40-B-N													
ASTM 1382 Tensile adhesion - EIFS			●					●									
AAMA 808.3-92		translucent only	translucent only			●		●									

\*Titebond WeatherMaster Translucent (#44011), Titebond WeatherMaster Metal Roof Translucent (#61111), and Titebond WeatherMaster ULTIMATE MP Translucent (#71111) are neutral cure silicones and are not paintable

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<b>APPLICATIONS</b>																		
Interior	●**	●	●**	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Exterior	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Expansion joints - vertical	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Traffic joints - horizontal	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Window/door installation	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Siding/trim	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Gutters/downspouts	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Architectural metal roofing and siding	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Asphaltic roofing	● can discolor	● can discolor	● can discolor	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Kitchen and bath	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Acoustical-sound transmission reduction	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Structural glazing	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Painting prep	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Bonding non-porous to non-porous	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
**Titebond WeatherMaster Sealant and WeatherMaster Ultimate MP Sealant are intended for exterior use. If light colors are used indoors, sealant must be painted. Translucent color in all three sealants are neutral cure silicones and are not paintable.																		
<b>SUBSTRATES</b>																		
Concrete/concrete block (CMU)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Brick	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Fiber cement board	●***	●***	●***	●	●***	●	●	●	●	●	●	●	●	●	●	●	●	●
Stone/granite	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Marble	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
EIFS/stucco	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Glass	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Ceramics	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Aluminum	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Kynar coated metals	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Stainless steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Galvanized metal	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Wood	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Vinyl (PVC)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Fiberglass	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
FRP	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
EPS and PU foam	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Recycled rubber	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
EPDM	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
TPO	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Acrylic	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Polyurethane - rigid	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Polycarbonate	●+	●+	●+	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Asphalt roofing	● can discolor	● can discolor	● can discolor	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
***See Titebond WeatherMaster Sealant Fiber Cement Board Installation Guide for further requirements.																		
+Titebond WeatherMaster Translucent (#44011), Titebond WeatherMaster Metal Roof Translucent (#61111), and Titebond WeatherMaster ULTIMATE MP Translucent (#71111) are neutral cure silicones and are not compatible with polycarbonate materials.																		
Our recommendations, if any, for the use of these products are based on tests believed to be reliable. Since the use of these products is beyond the control of the manufacturer, this information should not be used in substitution for customer's tests to ensure that the products are safe, effective, and fully satisfactory for the intended end use. For further questions regarding use, please call our Technical Service Help Line 1-800-347-4583 Monday through Friday 8:00 AM to 6:00 PM EST.																		