

Technical Data Sheet



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ISO 9001:2015
Compliant
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UNITED STATES/MEXICO



10.1 fl oz cartridge

Not all styles/sizes/colors available in all areas.



EXTREME

PREMIUM ADHESIVE & SEALANT

PRODUCT DESCRIPTION

EXTREME is an INSTANT GRAB, NON-SAG Premium Adhesive & Sealant. This POLYETHER MOISTURE CURE PRODUCT is engineered for outstanding adhesion without any shrinkage or bond loss. It has excellent weathering ability and will maintain EXTREME flexibility – even in the most unfavorable conditions. No solvents, no-odor and non-flammable properties make this an ideal solution for thousands of jobs – whether in damp, dry or cold climates!

WHERE TO USE / APPLICATIONS

This gun-grade product is ideal for vertical and overhead applications on virtually any substrate—indoors or out. EXCELLENT FOR: Roofs • Laminations • wall panels
• windows • doors • countertops and hundreds of other building/construction needs.

FEATURES AND BENEFITS

NON-SAG – won't sag, drip or run on vertical or horizontal applications (may require tooling)

WATER RESISTANT – excellent, when full cured

SHRINKAGE – none, 100% solids

SINGLE COMPONENT – easy to tool and gun; no mixing

SOLVENT-FREE – no solvents; safe to use indoors or in confined spaces; no odor; no Prop 65*; no outgassing

SKINNING/TACK TIME – Instant grab, and typically skins over in 35 minutes

BONDING – Concrete, Block, Brick, Stone, Masonry, Wood, Cement Fiber Board, Aluminum, Galvanized metal, PVC, SBS mod bit, EPDM, Foam, Vinyl, Glass, and more

FLEXIBLE – does not become brittle in cold weather

PAINTABLE – paintable after 24 hours

INTERIOR/EXTERIOR – ideal for indoor/outdoor use

FORMALDEHYDE FREE – Yes, contains no free phenol and/or urea formaldehyde resins

*Proposition 65: This product contains no Prop 65 listed materials.

TECHNICAL INFORMATION

PROPERTIES	
UNCURED MATERIAL	
Technology:	Polyether Moisture Cure
Color:	White
VOC:	Less than 2%
Solids:	100%
Density:	1.39 (11.6/Gal)
Viscosity:	1MM cps – 1.4MM cPs Brookfield RVF, TF spindle, 4 RPM, 70 °F (21°C).
Odor:	None
Application:	Apply above 30 °F (-1 °C)
Tack time:	35 minutes (ASTM C-679)
Full cure time:	3 to 7 days depending upon temperature, humidity and thickness
Storage:	Store in original unopened container and in a cool dry area. Protect container from heat and direct sunlight. Elevated temperatures will reduce shelf life.
Freeze/thaw stability:	Will not freeze; warm to room temperature before using.
Shelf life:	2 years (unopened)

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PROPERTIES (continued)	
CURED MATERIAL	
Sag:	Zero Slump (ASTM C-697)Excellent to water, dilute bases
Hardiness:	45 +/- 5 Shore A (ASTM C-661)
Shear Strength:	350+ PSI (ASTM D-1002)
Shrinkage:	No measurable shrinkage after 14 days
Elongation:	300% (ASTM D-412)
Withstands Temps. Of:	-40 to 200 °F (-40 to 93 °C)
Low Temperature Flex:	-20 °F (-29 °C) pass ¼" mandrel
Paint-Over Time:	24 hours
UV Resistance:	Excellent

EXTREME Lap Shear Test – ASTM D 3164-03 May 2009				
PRODUCT	STEEL	ALUMINUM	PVC	WOOD (Birch)
EXTREME	280.96	293.78	247.25	239.60
Eco-Bond HD 100 All Purpose	162.23	228.28	118.94	147.32
Eco-Bond LD 50 Trim/Tub/Sink/Tile	93.97	94.16	98.76	219.96
Sikaflex 1a	65.30	65.07	46.43	65.30
Sikaflex 221	83.64	83.61	59.96	153.02
Sikaflex 227	78.41	62.86	50.67	199.01
Sikaflex 252	122.39	86.79	53.54	399.29
DAP Clear Flexible	9.14	7.45	7.16	13.70
DAP SideWinder Siding & Window	171.10	205.50	69.75	146.53
PL 200	14.77	12.19	8.55	43.55
PL Roof & Flashing	187.71	156.47	89.12	204.77
PL 375 Heavy Duty	77.31	70.44	53.97	116.84
PL Window Door & Siding	169.99	114.42	70.29	195.29
Projects & Repair TiteBond GREENchoice	85.00	40.45	44.89	304.85
Heavy Duty TiteBond GREENchoice	89.06	62.76	51.60	294.46
Premium Polyurethane TiteBond GREEN choice	302.27	205.77	132.41	183.24
Weatherproof SubFloor TiteBond GREENchoice	60.64	29.39	24.56	651.06
Professional Drywall TiteBond GREENchoice	112.21	86.24	98.95	593.45
Professional Cove Base TiteBond GREENchoice	120.64	39.66	12.66	120.55
Avg. Max Load Measured in Psi (lbs. per square inch)				

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DIRECTIONS and APPLICATION NOTES

Read directions and test small area before use.

- Step 1 Surface should be clean, dry and free of dirt (remove standing water and frost). Clean contaminated surfaces with alcohol, not petroleum based solvents.
- Step 2 Trim end of nozzle. Puncture inner seal.
- Step 3 For **non-porous surfaces**: Apply a thin coat to each surface. Wait 5-7 minutes and mate surfaces. Make sure bonded surfaces are tightly joined. Use mechanical fasteners or temporarily clamp as needed. For **porous surfaces** OR use as a sealant: Apply product bead to surface, seam or joint. Tool as needed.
- Step 4 Skins over within 35 minutes. Fully cures in 3 to 7 days (depending upon temperature & humidity).
- Step 5 Best when applied above 30 °F / -1 °C.
- Step 6 Withstands temperatures of -40 to 200 °F / -40 to 93 °C (after full cure).
- Step 7 Paintable (after 24 hours). Oil-based paints may need extended drying times. (Pretesting is recommended.)
- Step 8 Clean uncured EXTREME with alcohol. Cured material may be removed by cutting or scraping.
- Step 9 Store original unopened container in a cool dry area. Protect container from heat and direct sunlight. Elevated temperatures will reduce shelf life.

For technical assistance, call 800.767.4667.

HEALTH and SAFETY

This product contains Polyether Moisture Cure. Before working with this product, read and become familiar with information concerning hazards, proper use and handling.

To request a hard copy of the SDS, please send an e-mail to sds@eclecticproducts.com.

LIMITED WARRANTY

The product is warranted against any defect in materials or workmanship under normal use for a period of 180 days after the date of purchase. The product is also warranted under any implied warranties provided under applicable state law, including, without limitation, the implied warranty of merchantability and the implied warranty of fitness for a particular purpose, for a period of 180 days after the date of purchase. This warranty covers only the original buyer of the product. For warranty service, the buyer should contact the store where the product was purchased, or write Eclectic Products LLC., P.O. Box 4450, Pineville LA 71361 or call 800.767.4667. This warranty gives you specific legal rights, and you also have other rights, which vary from state to state.