

1,001
Applications

**Advanced
MS Polymer
Technology**



PowerStick™

Powers is a proud member of:



Powers.

FASTENING INNOVATIONS



A domestic
company
headquartered
in Brewster, NY

What Is PowerStick™

A Unique Engineered Polymer That Caulks, Bonds & Seals All In One Step!

PowerStick™ is a new universal adhesive/sealant based on proprietary MS Polymer chemistry. Using the latest adhesive formulation technology, PowerStick™ is the first professional grade product on the market that delivers high bond strength AND superior flexibility! This unique formula does not shrink, can be applied on wet surfaces, is virtually odorless and has excellent UV resistance. PowerStick™ also features high aggressive initial tack, is non-reactive with the substrate and can be painted after curing. In Short, Powerstick™ can be used on virtually any substrate, indoors or outdoors and removes the guesswork by having one universal product solution for all applications.

PowerStick™ is non-hazardous, safe for the environment and does not require special shipping procedures. It does not contain solvents, isocyanates or other harmful components.

PowerStick™ consistently outperforms competitive products popular today, including latex-based adhesives, silicone sealants, polyurethanes, etc.

It does what all these common products do and so much more all in one tube!



Caulks:

- Tubs
- Showers
- Tiles
- Floor Seams
- Sinks
- Molding
- Foundations
- Thresholds
- Sills
- Pipe
- Trim

Bonds:

- Masonry
- Concrete
- Wood
- Tile
- Glass
- Ceramic
- Canvas
- Fiberglass
- Foam Board
- Porcelain
- Brass
- Copper
- Aluminum
- Steel
- Marble
- Plywood
- Drywall

Seals:

- Gutters
- Ductwork
- Small Cracks
- Windows
- Doors
- Joints

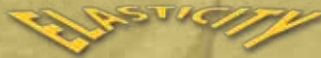


What Makes It Better?



STRONG AND ELASTIC

PowerStick™ is extremely elastic, and can be used as a sealant. It meets the rigorous construction standards for elasticity. This means PowerStick™ is ideal for filling cracks and joints in all types of flooring materials, especially when those substrates will move independently of one another.



SAFE & SIMPLE

No solvents or other harmful components. PowerStick™ can be shipped without restriction and is environmentally friendly.



INERT FORMULA

PowerStick™ will not interact with substrates, such as metal trim, the silver lining on mirrors or foam board insulation.

CONVENIENCE

PowerStick™ works on virtually every base material and can directly replace many other adhesive products. This reduces the need to carry similar inventories and simplifies decisions. The standard 10oz tube is ideal for confined space applications and is extremely lightweight. The delivery system gives a smooth, consistent bead without waste or messy overflow.

INDOOR AND OUTDOOR USES

PowerStick™ is NOT latex-based, which means it is not affected by water, moisture or mildew during application or in the long-term performance of this product. It is engineered using the most advanced polymer available in the market today. Rain and moisture will not diminish the capabilities of PowerStick, as it is highly recommended for outdoor use.



AGGRESSIVE INITIAL TACK

PowerStick™ has a superior initial tack, or "grab", which means you'll have a free hand to complete your project much quicker. For the lightest applications, you will not need even need additional bracing to stabilize your project until it is cured. Competitive products exhibit very low adhesion, limited substrates that they will adhere to, or no adhesion whatsoever.

PAINTABLE

PowerStick™ accepts primer and paint, unlike silicone based sealants, making its use virtually invisible. PowerStick™ is also resistant to mold and mildew.



UV RESISTANCE

PowerStick's unique polymer formula provides protection from harmful UV rays, essential in exposed exterior applications.



1,001 APPLICATIONS

Plumbing



PVC Plumbing



Toilets



Shower Stalls



Sinks

Maintenance / Building Owner

Lightweight Signage – High strength and great initial tack eliminates the need for nails, screw or other fasteners



Outdoor Fixtures



Control Panels

Carpentry / Flooring / Finishing



Thresholds / Doorways



Surround Tiling

F O R E V E R Y T R A D E

Marine



Windshields



Portholes

Electrical

Electrical Fixtures – Non-conductive formula is perfect for fixtures indoor and outdoor



Window / Door



Window Trim



Window Sills

Concrete / Masonry



Concrete Floor Joints



Cellar Hatchways



Concrete



Foundations

HVAC / Heating and Cooling



Pipe



Foam Insulation



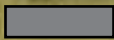
Air Conditioning



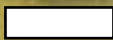
HVAC Ductwork

Bond Strength

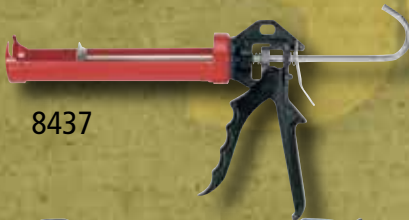
METALS		PLASTICS		WOOD		CONCRETE		MASONRY	
	PSI (mPa)		PSI (mPa)		PSI (mPa)		PSI (mPa)		PSI (mPa)
Steel	127 (0.87)	Epoxy (Typ.)	118 (0.81)	Oak	131 (0.90)	Concrete	128 (0.88)	Brick	112 (0.77)
Aluminum	109 (0.75)	Polystyrene	112 (0.77)	Pine	125 (0.86)			Hollow Block	112 (0.77)
Copper	144 (0.99)	Makrolon (PC)	128 (0.88)	Douglas Fir	125 (0.86)			Block	112 (0.77)
Brass	81 (0.56)	PVC	76 (0.52)	Cedar	125 (0.86)				
Galvanized steel	116 (0.80)	PMMA	95 (0.66)						
		ABS	119 (0.82)						



8168N



8166N



8437



8479



Look for our
Point-of-Purchase
Display



Powerstick™ Ordering Information

POWERSTICK CARTRIDGES

CAT. NO.	SIZE	COLOR	DISPENSER	STD. BOX	STD. CTN.
8166N	10oz.	White	Caulk Gun	12	36
8168N	10oz.	Gray	Caulk Gun	12	36

CAULKING GUNS

CAT. NO.	DESCRIPTION	STD. BOX	STD. CTN.
8437	Manual Caulking Gun	1	1
8479	High Performance Manual Tool	1	1

POWERSTICK POP DISPLAY

CAT. NO.	DESCRIPTION
49106	Available at authorized Powers Distributors



Powerstick™ vs. The Rest

	POWERSTICK™	POWER GRAB AND SIMILAR	LIQUID NAILS AND SIMILAR	LATEX SEALANTS	SILICONE SEALANTS	POLYURETHANE SEALANTS
Exterior	yes	no	no	yes	yes	yes
Interior	yes	yes	yes	yes	yes	no
Permanently Flexible	yes	no	no	yes	yes	yes
High Initial Tack	yes	yes	yes	no	no	no
No Bracing for Lightweight Applications	yes	yes	yes	no	no	no
Waterproof	yes	no	yes	yes	yes	yes
Mildew Resistant	yes	no	no	yes	yes	yes
Paintable	yes	yes	yes	yes	no	yes
Superior Adhesion	yes	no	no	no	yes	yes
Superior UV Resistance	yes	no	no	yes	yes	no
Solvent Free	yes	yes	no	yes	yes	no
Abrasion Resistant	yes	no	no	no	no	yes
Wet Surfaces	yes	no	yes	yes	yes	no

Technical Characteristics

Base	Proprietary MS Polymer
Curing System	Moisture Cure
Full Cure / Bonding	Less than 24 hours (full cure of bonding layer of 0.0788 inch)
Tack Free Time	20 Minutes
Skin Formation	5-10 Minutes
Freeze/Thaw Stability	No impact on sealant by frost
Application Temp.	41°F to 95°F (5°C to 35°C)
In-Service Temp.	-40°F to 194°F (-40°C to 90°C)
Ideal Storage Temp.	41°F to 86°F (5°C to 30°C)
Density	0.90 oz./in3 (1.55 g/ml)
Hardness	40-45 Shore A
Elasticity Modulus (100%)	109 psi (0.75 MPa) per DIN 53504
Tear Strength	290 psi (2.0 MPa) per (DIN 53504)
Maximum Elongation	20%
Yield	10 fl. oz. = 18.0 in3

Shelf Life

14 months in unopened packaging in a cool and dry storage place at temperatures between 41°F and 86°F (5°C and 30°C). Short term storage temperature should not exceed 120°F (49°C).

Resistance to Chemical Agents

Good resistance to water, aliphatic solvents, mineral oils, grease, diluted inorganic acids and alkalis. Some resistance to aromatic solvents, concentrated acids, chlorinated hydrogens.

For best results, PowerStick™ should be applied to surfaces that are clean and free of dust, dirt, grease, etc.

Application

Method: Caulking gun.

Application Temperature: 41°F to 95°F (5°C to 35°C).

Cleaning: Use mineral spirits immediately after application and before curing.

Tooling: Clean with mineral spirits before skin formation.

Health & Safety Recommendation

Hand and eye protection is highly recommended. As with all adhesives, consult the material safety data sheet.

Remarks

PowerStick™ may be painted over, however, due to the large number of paints and varnishes available we strongly suggest a compatibility test before application. The drying time of alkyd resin based paints may increase.

PowerStick™ can be applied to a wide variety of substrates. Due to the fact that specific substrates such as plastics, polycarbonates, etc. may differ from manufacturer to manufacturer, we recommend preliminary compatibility tests.

PowerStick™ is a moisture cure system. In bonding applications, one of the surfaces should be porous to allow for air and/or moisture to transfer to the adhesive for normal curing speed. If two non-porous surfaces are bonded together with PowerStick™, full curing time may require up to 7 to 10 days depending on application and the project conditions.



POWERS FASTENERS **BRANCH INFORMATION****USA LOCATIONS**

CITY	ADDRESS	CONTACT	PHONE	FAX
Alabama	5405 Buford Hwy Suite 410 Norcross, GA 30071-3984	Jeff Hatchett	205-520-6044	678-966-9242
Atlanta	5405 Buford Hwy Suite 410 Norcross, GA 30071-3984	Ryan Raica	678-966-0000	678-966-9242
Boston	2 Powers Lane, Brewster, NY 10509	Jack Armour	800-524-3244	914-576-6483
Charlotte	349 L West Tremont Avenue, Charlotte, NC 28203	Bob Aurisy	704-375-5012	704-376-5517
Chicago	2472 Wisconsin Avenue, Downers Grove, IL 60515	Dan Gilligan	630-960-3156	630-960-3912
Dallas	10625 King Williams Drive, Dallas, TX 75220	Matt Henderson	972-506-9258	972-506-9290
Denver	2475 West Second Street #35, Denver, CO 80223	Jared Hemmert	303-922-9202	303-922-9228
Detroit	21600 Wyoming Avenue, Oak Park, MI 48237	Glen Gaskill	248-543-8600	248-543-8601
Florida	2412 Lynx Lane, Orlando, FL 32804	John Christy	813-626-4500	813-626-4545
Houston	13833 North Promenade, Suite 100, Sta ord, TX 77477	Chris Salisbury	281-491-0351	281-491-0367
Indianapolis	15290 Stony Creek Way, Noblesville, IN 46060	Bill Trainor	317-773-1668	317-773-1690
Kansas City / St Louis	716 East 16th Avenue, North Kansas City, MO 64116	Don James, Jr.	816-472-5038	816-472-5040
Los Angeles	2761 Dow Avenue, Tustin, CA 92780	Jack Stewart	714-731-2500	714-731-2566
Maryland	3137-B Pennsy Drive, Landover, MD 20785	Chris Van Syckle	301-773-1722	301-341-5119
Milwaukee	12020 W. Feerick Street, Milwaukee, WI 53222	Donn Raduenz	414-466-2400	414-466-3993
Minneapolis	351 Wilson Street, NE Minneapolis, MN 55413	Josh Nelson	612-644-3047	612-331-3549
Nashville/Memphis	221 Blanton Avenue, Nashville, TN 37210	Ira Liss	615-248-2667	615-248-2676
New Orleans	102 Sampson Street, Houston, TX 77003	Cal Zenor	713-228-1524	713-228-1528
New York	2 Powers Lane, Brewster, NY 10509	John Partridge	914-235-6300	914-576-6483
Philadelphia	2 Powers Lane, Brewster, NY 10509	Greg Stephenson	800-524-3244	914-576-6483
Phoenix	3602 E. Southern Ave, Suite 5 Phoenix, AZ 85040	Craig Hering	602-431-8024	602-431-8027
Pittsburgh	1360 Island Avenue, McKees Rocks, PA 15136	Bill Dugan	412-771-3010	412-771-9858
Portland	129 South Kenyon, Seattle, WA 98108	Jim Swink	360-608-6845	206-762-5817
Rochester	40 Harrison Street, Rochester, NY 14605	Mike Kolstad	585-288-2080	585-288-8732
Salt Lake City	2212 SW Temple #20, Salt Lake City, UT 84115	Don Manning	801-466-9428	801-466-3083
San Francisco	28970 Hopkins Street, Suite B+C, Hayward, CA 94545	John O'Brian	510-293-1500	510-293-1505
Seattle	129 South Kenyon, Seattle, WA 98108	Darin Arnold	206-762-5812	206-762-5817

INTERNATIONAL LOCATIONS

COUNTRY/REGION	ADDRESS	CONTACT	PHONE	FAX
Australia	Factory 3, 205 Abbotts Road, Dandenong, South Victoria 3175	Phil Rose	+61 3 8787 5888	+61 3 8787 5899
Canada	6950 Edwards Blvd. Mississauga, Ontario L5T 2W2	Mark Russell	905-673-7295	905-673-6490
China	Metropolitan Business Centre, East Nandan Road, Lane 300, No. 9, Room 604 Xuhui District, Shanghai, China 200030	Jake Olsen	+86-21-3363-2880	+86-21-3363-2881
Europe	Westrak 208, 1771 SV Wieringerwerf, Netherlands	Paul Geuvers	+31 888 769 377	+31 227 594 759
India	D-112, Twin Arcade, Military Rd., Marol, Andheri, East Mumbai, 400059	Ajay Kulkarni	91-22-401591304	
Manitoba	1810 Dublin Avenue Man. Winnipeg, R3H 0H3	Distributor	204-633-0064	204-694-1261
New Zealand	PO Box 302 076 North Harbour Auckland	Claye Sesto	+64 9415 2425	+64 9415 2627
Quebec	721 Meloche Avenue, Dorval, Quebec H9P 2S5	Alan Hill	514-631-4216	514-631-2583
Thailand	80/89 MOO4 Petchakasem Road, Bangkae Bangkok 10160	Chalee Surakavanichakom	+661 826 5821	

LATIN & CARIBBEAN DISTRIBUTION INQUIRIES

COUNTRY/REGION	ADDRESS	CONTACT	PHONE	FAX
Latin America		Alan Hebert	01150767477749	914-576-6483

LATIN & CARIBBEAN DISTRIBUTION

COUNTRY/REGION	ADDRESS	CONTACT	PHONE	FAX
Brazil	HARD, Rua Dr. Humberto Pinheiro Viera, 150 Lote B, 1 B Distrito Industrial, Joinville, Brazil		55-47-40097209	55-47-40097217
Colombia	Electrogeno, S.A., Carrera 52 #71c-38, Bogota, Colombia		(57) 1 6600 9436	
Costa Rica	Electro Mechanics Supply, La Uruca Contiguo Banco Ntnl., De Costa Rica Condominio, Horizontal Bodega #9, San Jose, Costa Rica		(506) 2233-2595	
Dominican Republic	Calle Estancia Nueva #17 E Esquina Cul-De-Sac 9, San Geronimo, Santo Domingo	Rodfor Team	809-224-5615	809-472-8640
Ecuador	Acero Comercial Ecuatoriano S.A., Av. La Prensa N45-14 y Telégrafo 1 – Quito Av. Juan Tanca Marengo Km. 1.7 – Guayaquil	infoiou@acerocomercial.com infofy@acerocomercial.com	(593-2) 2454 333 (593-4) 2683 060	(593-2) 2454 455 (593-4) 2683 059
Guatemala	Tecnofijaciones, 6 Avenue 8-56 Zona 9, Zona 9, Guatemala	Oscar Lucas Penagos	502-233-4-3478	
Panama	Centro-Industrial, Via Cincuentenario, No. 7910, Ciudad Panama, Panama		(507) 302-8022	
Peru	Powers Peruana SAC, Av. Santa Catalina, 555 La Victoria, Lima 13, Peru (www.powersperuana.com)	Martin Vasquez	(011) 511 265 8500	(011) 511 330 0909
Venezuela	Calle Sucre/Qta. Maudora, #1721 Entre Cec Acosta Y San Ignacio Chacao, Caracas	Distributor	58 212 264 1313	58 212 263 0219
Trinidad - Tobago	Ft. Farfan, 3-5 Ibis Avenue, Ibis Acres, San Juan	Derek Cumming	(868) 674-7896	

Note: The information and data contained within this documentation was current as of March 2012. The information is for marketing purposes only and is subject to change and updates as needed. Powers Fasteners, Inc. reserves the right to change designs and specifications without notice or liability for such changes. Please contact Powers Fasteners for the most current and up to date available information or refer to our website at www.powers.com

Powers Fasteners 2 Powers Lane, Brewster, NY 10509 P: (914) 235-6300 F:(914) 576-6483
Powers Fasteners Canada Ltd. 6950 Edwards Boulevard Mississauga Ontario L5T-2W2 Canada
P: (905) 673-7295 or 1-800-387-3480 F: (905) 673-6490

www.powers.com
Cat. No. 49180 3/12
©2012 Powers Fasteners, Inc.

