



Power Grab Ultimate Construction Adhesive

Description: Loctite® Power Grab® Ultimate is the latest in Construction Adhesive technology. This formula works in all conditions, all weather and on all materials. It can be applied in wet conditions as well as bond two non-porous surfaces, which most construction adhesives cannot do. This product also can be applied in a wide temperature range, from 40-140°F, on both interior and exterior projects. It is repositionable for 10 minutes and is GREENGUARD® certified.

Available As:

Item #	Size	Package
1989550	9 fl oz (266 ml)	Plastic Cartridge

Features & Benefits:

- Formulated to work in all conditions, all weather and all surfaces
- Zero second instant grab formula reduces the need for bracing and nailing
- Works on the widest variety of both porous and non-porous surfaces, including wet surfaces
- Extreme temperature application range from 40-140°F
- Cleans up with mineral spirits
- Meets sub-floor rated spec ASTM D-3498 and APA AFG-01

Recommended For:

Power Grab Ultimate bonds to a wide variety of porous and non-porous surfaces including wood, laminate, drywall, plaster, tile, ceramic, porcelain, concrete, masonry, granite, brick, aluminum, metal, stainless steel, PVC, fiberglass and more.

Limitations:

- Not recommended for marine applications or areas permanently immersed in water

Coverage:

For a 9 fl. oz. (266 mL) cartridge:

- A 1/4" (6 mm) bead extrudes approximately 27.6 ft. (8.4 m)
- A 3/8" (9.5 mm) bead extrudes approximately 12.3 ft. (3.7 m)



TECHNICAL DATA SHEET

Typical Uncured Physical Properties:

Color:	White	
Appearance:	Thick paste	
Base:	Silane modified polymer	
Odor:	Alcohol-like	
Specific Gravity:	1.71	
Viscosity:	1,800,000 to 2,000,000 cps	
Flash point:	224.6°F (107°C)	
VOC Content:	2.73% by weight 48.13 g/l	CARB SCAQMD rule 1168
Shelf Life:	12 months from date of manufacture (unopened)	
Lot Code Explanation:	YY/DDD	
Printed on top of cartridge	YY= Last two digits of year of manufacture DDD= Day of manufacture based on 365 days in a year Example: 15/061 = 61 st day of 2015 = March 2, 2015	

Typical Application Properties:

Application Temperature:	Substrates must be between 0°F and 100°F (-18°C and 38°C) adhesive must be between 40°F and 140°F (4°C and 60°C) For best results, adhesive should be stored and used at room temperature	
Open Time:	10 minutes*	At 70°F and 50% relative humidity
Cure Time:	24 hours* *Time is dependent on temperature, humidity, porosity of substrate and amount of adhesive applied	
Extrusion Force:	92 lb	At 73°F
Vertical Sag:	0.00 inches	ASTM D2202 at 73°F

Typical Cured Performance Properties:

Color:	White	
Service Temperature:	0°F (-18°C) to 140°F (60°C)	
Water Resistant:	Yes	
Sandable:	No	
Paintable:	Yes	
24 Hour Shear:	75.3 psi	ASTM C557
14 Day Shear:	73.2 psi	
Cyclic Exposure Shear:	54.7 psi	
24 Hour Tensile:	25.2 psi	
14 Day Tensile:	26.6 psi	
Freeze/Thaw Stability:	61.3 psi	
Shear Strength:	ASTM D3498	
Wet Lumber:	310 psi	
Frozen Lumber:	179 psi	
Dry Lumber:	274 psi	
Gap-Filling:	246 psi	
Moisture Resistance:	197 psi no delamination	
Specifications:	<ul style="list-style-type: none">• ASTM D3498• APA AFG-01• GreenGuard® Certified	



TECHNICAL DATA SHEET

Directions:**Tools Typically Required:**

Utility knife, caulking gun.

Safety Precautions:

Wash hands after use.

Preparation:

The temperature of the product must be between 40°F and 140°F (4°C and 60°C) while the surfaces and the working area must be between 0°F and 100°F (-18°C and 38°C). For best performance, apply adhesive at room temperature. Ensure surfaces to be bonded are clean, dry, structurally sound and free of frost, dust, grease, oil, and other foreign contaminants. Pre-cut and fit materials before applying adhesive. Remove nozzle, cut nub and puncture inner seal. Screw on nozzle and cut to desired bead size.

Application:

Using a caulking gun, apply adhesive to one the surfaces to be bonded. Join substrates within 10 minutes and press firmly. Adhesive cures within 24 hours.

Clean-up:

Clean tools and uncured adhesive residue immediately with mineral spirits. Cured adhesive may be carefully cut away with a sharp-edged tool.

Storage & Disposal:

PROTECT FROM FREEZING. Store in a cool, dry place at room temperature. For maximum shelf life store at 75°F (24°C). Take unwanted product to an approved household hazardous waste transfer facility. Hardened material may be disposed of with trash.

Label Precautions:

WARNING! Uncured adhesive irritates eyes, skin and respiratory tract.

WARNING! Contains silanes and crystalline silica. May be harmful if inhaled or swallowed. Methanol is released during the application and cure, which may affect the nervous system causing dizziness, headache or nausea. Use in a well ventilated area. Do not breathe vapors. Avoid eye and skin contact. Prolonged or repeated skin contact with uncured adhesive may cause irritation. Wear gloves and safety glasses when applying product. Remove contact lenses before using adhesive. Wash hands after using. **FIRST AID:** For eye contact flush with water for 15 minutes. Call a physician if irritation develops and persists. For skin contact, wash with soap and water. If affected by inhalation, remove to fresh air and get medical attention. If ingested, do not induce vomiting; call a physician or Poison Control Center immediately. **DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN.**

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Refer to Safety Data Sheet (SDS) for further information.

Disclaimer:

The information and recommendations contained herein are based on our research and are believed to be accurate, but no warranty, express or implied, is made or should be inferred. Purchasers should test the products to determine acceptable quality and suitability for their own intended use. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

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For over 50 years, Loctite Brand adhesives and sealants have taken on the toughest jobs. Used in race cars, airplanes, and even in the space-shuttle, Loctite provides solutions for the most demanding industrial, professional and consumer applications. Loctite gives you not the specialization, power and performance to not only get your job done, but to get it done right.

1-800-624-7767 – Mon-Fri - 9:00a – 4:00p ET

www.loctiteproducts.com



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