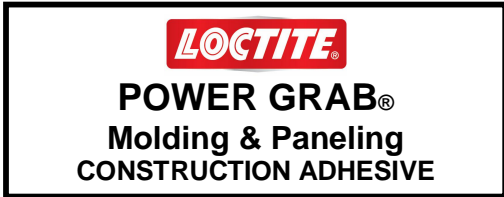




# TECHNICAL DATA SHEET



**Henkel Corporation**  
Professional and Consumer Adhesives  
Rocky Hill, CT 06067  
Phone 1-800-624-7767  
Fax (440) 250-7863  
[www.henkel.com](http://www.henkel.com) [www.loctiteproducts.com](http://www.loctiteproducts.com)



Item #	Package	Size
1363135	Plastic Cartridge	10 fl. oz.

## DESCRIPTION:

Loctite® PowerGrab® Molding & Paneling Construction Adhesive is a premium quality, high strength, gap-filling adhesive. It will bond paneling, drywall, molding, corkboard, ridged PVC and hardboard to a variety of surfaces. It has a very low odor, and requires only soap and water to clean up. This makes it safe, easy to use, and environmentally friendly.

## RECOMMENDED FOR:

Bonds paneling, drywall, molding, corkboard, ridged PVC and hardboard to wood, stainless steel, glass, cork, foamboard, ceramics, plaster, stone, brick, concrete, chip board and PVC (rigid plastic). One surface must be porous.

## NOT RECOMMENDED FOR:

- Metals that will corrode.
- Natural marble (causes staining).
- Two non-porous surfaces.
- Continuously wet areas or water immersion.
- Polyethylene, polypropylene, Nylon™ or Teflon™.
- Cement board (Durock™).

## FEATURES & BENEFITS:

Feature	Benefits
Easy cleanup with water (uncured adhesive).....	Eliminates the use of chemicals
Water-based.....	Low odor
High grab.....	Minimizes nailing requirements
Water-resistant.....	Ideal for humid areas
Gap-filling.....	Bridges minor framing gaps

## COVERAGE:

For a 10 fl. oz. cartridge:

- A ¼" (6 mm) bead extrudes approximately 30.6 ft (9.35 m).
- A 3/8" (9.5 mm) bead extrudes approximately 13.6 ft. (4.1 m).

## DIRECTIONS:

**Tools Typically Required:**  
Utility knife, caulking gun.

**Safety Precautions:**  
Wash hands after use.

**Preparation:**  
The temperature of the adhesive, the surfaces and the working area must be above 50°F (10°C). One surface must be porous. Surfaces must be clean, dry and free of frost, grease, dust and other contaminants. To obtain maximum adhesion, surfaces should be flat to provide adequate contact. Painted surfaces must be well-cured and free of loose paint. Sand glossy surfaces to a dull finish. Pre-fit all materials before applying adhesive. Remove nozzle. Cut the tip off the cartridge just above the threads. Replace nozzle and cut at a 45° angle to desired bead size.

**Application:**

Apply adhesive around the perimeter 2" (5 cm) in from the edge and vertically every 12" (30 cm). Alternatively apply a continuous bead to all furring strips, studs and top and bottom plates. Press firmly into place within 15 minutes. Repositioning time is approximately 15 minutes, depending on bead size. Use clamps or other means of support to insure maximum contact for 24 hours or until dry. Finishing nails are required for materials that may warp such as thin wood molding and trim.

**Clean-up**

Clean tools and adhesive residue immediately with soapy water. Cured adhesive may be carefully cut away with a sharp-edged tool.

**STORAGE AND DISPOSAL**

Store above freezing. Take unwanted product to an approved household hazardous waste transfer facility, or allow product to harden by spreading on a discardable surface. Hardened material may be disposed of with trash.

**LABEL PRECAUTIONS**

**CAUTION:** Avoid eye contact. For eye contact, flush with water for 15 minutes and call a physician. Keep out of the reach of children.

**Refer to the Material Safety Data Sheet (MSDS) 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.

**TECHNICAL DATA**

Typical Uncured Physical Properties		Typical Application Properties	
<u>Color:</u>	White	<u>Application Temperature:</u>	Apply and cure above 50°F (10°C)
<u>Appearance:</u>	Thick paste	<u>Odor:</u>	Minimal
<u>Base:</u>	Synthetic latex	<u>Open Time:</u>	20 minutes @ 78°F (25°C)
<u>Specific Gravity:</u>	1.29	<u>Dry Time:</u>	
<u>pH:</u>	8.4	Initial Dry Time	24 hours @ 78°F (25°C) and 50% RH
<u>% Solids:</u>	64.5 %	Final Cure	7 days
<u>Viscosity:</u>	5850 Mcps @ 1 rpm	<u>Extrusion Rate (ISO 9048):</u>	2750 g/minute
<u>Flashpoint:</u>	> 203°F (95°C)	<u>Initial Tack:</u>	25 g/cm <sup>2</sup>

**Typical Cured Performance Properties**

<u>Color:</u>	White	<u>Paintable:</u>	Yes
<u>Cured Form:</u>	Non-flammable solid	<u>Sandable:</u>	Yes
<u>Service Temperature:</u>	0°F to 122°F (-18°C to 50°C)	<u>Water Resistance</u>	Yes
<u>Chemical Resistance:</u>	Resistant to gasoline, oils, weak alkalis and acids.	<u>Bond Strength:</u>	See below

<b>German Spec DIN EN 205</b>	<b>Shear Strength, psi (kPa)</b>
<b><u>Wood to wood</u></b>	870 to 1160 (5998 to 7998)
<b><u>Wood to aluminum</u></b>	870 to 1160 (5998 to 7998)
<b><u>Wood to PVC</u></b>	435 to 725 (2999 to 4999)

<b>Using APA AFG-01 test method</b>	<b>Shear Strength (pounds)*</b>
<b><u>Test A (Wet Lumber)</u></b> On Douglas Fir	326
<b><u>Test C (Dry Lumber)</u></b> On Douglas Fir	467

\* Bond area = 1.5 in<sup>2</sup>, 1 mm gap.