LOCTITE® TECHNICAL DATA SHEET

Power Grab Express Molding & Paneling

Description: Loctite® Power Grab® Express Molding & Paneling Construction Adhesive is a premium quality, high strength, gap-filling adhesive. This construction adhesive has 0 second instant grab and dries faster than Power Grab Clear. It will bond paneling, drywall, molding, corkboard, ridged PVC and hardboard to a variety of surfaces. This extremely high tack adhesive reduces the need for nails and screws in many DIY projects and repair jobs. The adhesive has a very low odor, and requires only soap and water to clean up. This makes it safe, easy to use and environmentally friendly. Loctite Power Grab Express Molding & Paneling is also third party GREENGUARD® Indoor Air Quality Certified and GREENGUARD® Certified for Children and Schools.

Available As:

Item #	Size	Package
2023759 2023663	9 fl oz (266 ml)	Plastic Cartridge

Features & Benefits:

- 0 second instant grab
- 25% more initial tack than Power Grab Clear
- Paintable
- Soap & Water clean-up
- Low odor
- Repositionable for 15 minutes
- Reduces the need for bracing

Recommended For:

Power Grab Express Molding & Paneling bonds a variety of construction materials such as wood, drywall, molding, paneling, foamboard and plaster.

Limitations:

- Not recommended for use on mirrors
- Not suitable for permanently damp or underwater areas
- One surface must be porous

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)

Typical Uncured Physical Properties:

Color:	White	
Appearance:	Thick paste	
Base:	Synthetic latex	
Odor:	Minimal	
Specific Gravity:	1.31 – 1.35	
Density:	10.9 to 11.3 lbs/gal	
pH:	7 to 9	
Flashpoint:	>200°F (93°C)	
Viscosity:	> 2000 Mcps	At 5 rpm
% Solids by Weight:	66.4%	
VOC Content:	0.1% by weight	CARB
	27 g/l	SCAQMD rule 1168
Shelf Life:	24 months from date of manufacture (unopened)	
Lot Code Explanation:	**YYDDD**	
Printed on plastic nozzle	**YY=** Last two digits of year of manufacture **DDD=** Day of manufacture based on 365 days in a year	
	Example: 15061 = 61st day of 2015 = March 2, 2015	

Typical Application Properties:

Application Temperature:	Apply and cure above 50°F (10°C)	
Open Time:	15 minutes*	At 77°F (25°C)
Repositioning Time:	15 minutes*	
Initial Dry Time:	12 hours*	At 77°F (25°C) and 50% RH
Cure Time:	Most applications achieve full strength in 12 hours. Applications on low porosity surfaces may take 7 days or longer to achieve full strength*	
	*Time is dependent on temperature, humidity, porosity of substrate and amount of adhesive applied	
Initial Tack:	30 g/cm²	
Extrusion:	64 lbs	At 73°F (23°C)

Typical Cured Performance Properties:

Color:	White	
Cured Form:	Non-flammable solid	
Service Temperature:	0°F (-18°C) to 122°F (50°C)	
Water Resistant:	Yes when fully cured	
Paintable:	Yes	
Sandable:	No	
Dry Time vs T-bond Strength:		Wood to Wood 2.25 in² bond area At room temperature
2 hours:	9.2 lbs	
4 hours:	19.2 lbs	
8 hours:	64.5 lbs	
12 hours:	76.3 lbs	
16 hours:	77.9 lbs	
24 hours:	74.9 lbs	
3 days:	85.9 lbs	
7 days:	77.9 lbs	
Shear Strength: Dry Lumber:	841 ± 96 psi	ASTM D3498

Modified Tensile Adhesion:		ASTM C557 10.2
Ceramic Tile (Back):	87.7 psi	7 day cure time
Plaster:	81.3 psi	
Drywall:	37.1 psi	
Marble:	238 psi	
Cement Board (Durock):	44.9 psi	
Polystyrene Foamboard:	48.7 psi	
Plywood:	203 psi	
Specifications:	GreenGuard certified	

Directions:

Tools Typically Required:
Utility knife, caulking gun.

Safety Precautions:
Wash hands after use.

Preparation:
The temperature of the product, the surfaces and the working area must be above 50°F (10°C). For best performance, apply adhesive at 70°F (21°C). Ensure surfaces to be bonded are clean, dry, structurally sound and free of dust, grease, oil, and other foreign contaminants. Sand glossy surfaces. Pre-cut and fit materials before applying adhesive. Cut tip of cartridge.

Application:
Using a caulking gun, apply adhesive around perimeter of large items approximately 2" from the edge, apply additional beads at 6" intervals. Finishing nails may be required every 16" to prevent warping. Join substrates within 15 minutes and press firmly. Repositionable for 15 minutes. Achieves final strength in 12 hours and full cure in up to 14 days. Temperature, humidity, substrate porosity and amount of adhesive used will affect cure times.

Clean-up:
Clean tools and uncured adhesive residue immediately with warm water and soap. 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:

CAUTION! Contains petroleum distillate and crystalline silica. May cause eye and skin irritation. Avoid eye and skin contact. Do not take internally. **FIRST AID:** For eye contact flush with water for 15 minutes, call a physician. For skin contact, wash thoroughly with soap and water If swallowed, call a physician or Poison Control Center. **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.

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