



## Power Grab Express All-Purpose

**Description:** Loctite® Power Grab® Express All-Purpose Interior Construction Adhesive is a premium quality, high strength, gap-filling adhesive with 0 second instant grab. This extremely high tack adhesive reduces the need for nails and screws in many DIY projects and repair jobs. Loctite® Power Grab® Express All-Purpose Gallon is recommended by DPI® for Best Practice Panel Installation. It is an ideal adhesive for paneling and FRP projects. 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 All Purpose is also third party GREENGUARD® Indoor Air Quality Certified and GREENGUARD® Certified for Children and Schools.

**Available As:**

Item #	Size	Package
2082702	1 U.S Gal (3.78 L)	Plastic Pail

**Features & Benefits:**

- Interior construction adhesive
- 0 second instant grab
- Won't burn through panels
- Paintable
- Soap & Water clean-up
- Low odor
- Repositionable for 15 minutes
- Reduces the need for bracing

**Recommended For:**

Power Grab Express All-Purpose bonds a variety of construction materials including wood, drywall, plaster, concrete, brick, foamboard, cork and vinyl cove base. Ideal for panel and FRP installation.

**Limitations:**

- Not recommended for use on mirrors
- Not suitable for permanently damp or underwater areas
- One surface must be porous
- Not recommended on stainless steel or glass
- Not recommended for bonding FRP panels to metal, ceramic tile, plastic or other non-porous substrates

**Coverage:**

- A one gallon pail (3.78L) will cover 50-60 sq.ft when using the recommended trowel



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## Typical Uncured Physical Properties:

Color:	White	
Appearance:	Thick paste	
Base:	Synthetic latex	
Odor:	Minimal	
Specific Gravity:	1.3	
pH:	7.3 to 8.5	
Flashpoint:	>200°F (93°C)	
Viscosity:	> 2000 Mcps	At 5 rpm
% Solids by Weight:	66.4%	
VOC Content:	0.1% by weight	CARB
	14 g/l	SCAQMD rule 1168
Shelf Life:	12 months from date of manufacture (unopened)	
Lot Code Explanation:	<b>YYDDD</b> <b>YY</b> = Last two digits of year of manufacture <b>DDD</b> = Day of manufacture based on 365 days in a year Example: 15061 = 61 <sup>st</sup> day of 2015 = March 2, 2015	

## Typical Application Properties:

Application Temperature:	Apply and cure above 50°F (10°C)	
Open Time:	20 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:	25 g/cm <sup>2</sup>	
Extrusion:	6 lbs/minute	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	
Shear Strength:		DIN EN 205
Wood to Wood:	870 to 1160 psi	
Wood to Aluminum:	870 to 1160 psi	
Wood to PVC:	435 to 725 psi	
Shear Strength:		APA AFG 01
Dry Lumber:	326 psi	
Wet Lumber:	467 psi	
Specifications:	GreenGuard certified	

**Directions:****Tools Typically Required:**

Recommended trowels:

For FRP Panels: 3/16" x 1/4" notches, V-shaped, flat top, spaced 1/2" apart (E6). See photo below (A).

For DPI 1.8" Embossed Tileboard & Smooth Panelboard: 1/8" (3.2 mm) V-notched trowel. See photo below (B).

**Safety Precautions:**

Wash hands after use.

**Preparation:**

**For FRP panels:** Surface must be free of dirt, oil, loose paint, wallpaper and all foreign substances. Level high spots. Prime patching compounds before applying adhesive. Be sure concrete is well cured and dry. If furring strips are used, apply solid backing before FRP. Lay FRP panels flat and condition area and panels to 50°F or above before installation. Pre-cut and fit panels.

**For DPI® 1/8" Embossed Tileboard & Smooth Panelboard:** Condition panels at least 24 hours in installation location. Temperatures should remain above 50°F during conditioning, installation and adhesive cure.

**Application:**

**For FRP panels:** Using trowel, spread adhesive evenly and uniformly over entire back of panel. Do not leave bare spots. Place panel on substrate within 10 minutes. Press firmly over entire panel, working outward from the center, so that panel is in full contact with the substrate. Follow panel's manufacturer's instructions for use of fasteners and moldings. Leave 1/16" expansion space at edges. Temporary bracing may be needed until adhesive sets. Full cure in 1-7 days.

**For DPI® 1/8" Embossed Tileboard & Smooth Panelboard:** Cut and dry fit panels. Apply adhesive to back to panel using 1/8" V-notched trowel. Cover entire back of panel then firmly press panel onto wall. Ensure good contact over entire panel surface. Wipe off any adhesive on surface with soap and water. Allow adhesive to dry overnight before caulking. Use 100% silicone sealant to caulk all edges, around fixtures and between panels. Use low-tack painter's tape to joint edges before caulking for a professional appearance. Consult DPI® installation instructions for additional details.

**Note:** Most applications achieve full strength in 12 hours. Applications on low porosity surfaces may take 7 days or longer to achieve full strength. Cure time is dependent on temperature, humidity, porosity of substrate and amount of adhesive applied.

**Clean-up:**

Remove excess adhesive and clean tools with soap and water before adhesive dries. Dried adhesive must be scraped off.

**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 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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Revision Date: 03/21/2016 Supercedes: NEW Ref. #: 957953