



# TECHNICAL DATA SHEET



## PL<sup>®</sup> 200

# Drywall Construction Adhesive

**Description:** LePage PL 200 is a premium grade, interior or exterior construction adhesive in two caulking gun cartridge sizes. It is specially formulated to provide a water-resistant bond that offers rapid bond development, the ability to bridge minor framing irregularities and long-acting adhesion. It minimizes unsightly nails and hammer dents.

**Available As:**

Item #	Size	Package
1421928	295 ml	Paper Cartridge
1113121	825 ml	Paper Cartridge

**Features & Benefits:**

- Waterproof & Weatherproof
- Cold Weather Gunnable
- Gap-Filling Capabilities
- Reduces Nailing & Fastening Requirements by 50-60%

**Recommended For:**

LePage PL 200 bonds pre-finished and unfinished panelling, chipboard, drywall, fibreboard, cork board, wood moulding and furring to studs (wood or metal), drywall, masonry, fully cured concrete, metal and other common building materials. PL 200 has good heat resistance and is recommended for use in Fire-Rated wall and partition designs. For best results one surface should be porous.

**For Best Results:**

Not suitable for the following applications:

- Use on unlined expanded or extruded polystyrene foam
- Use on polystyrene or ABS plastic panels
- Use on pre-finished vinyl covered gypsum panels
- Use on tub surrounds
- Applications requiring temperature resistance greater than 60°C (140°F)
- Use on newly poured concrete less than 28 days old

**Coverage:**

For a 295 ml cartridge:

- A 6 mm (1/4") bead extrudes approximately 9.3 m (31 ft)
- A 9.5 mm (3/8") bead extrudes approximately 4.1 m (13.6 ft)

For a 825 ml cartridge:

- A 6 mm (1/4") bead extrudes approximately 26 m (86 ft)
- A 9.5 mm (3/8") bead extrudes approximately 11.6 m (38 ft)



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## Typical Uncured Physical Properties:

Color:	Tan	
Appearance:	Thick paste	
Base:	Synthetic Rubber and resins	
Odor:	Solvent (Use in a well-ventilated area)	
% Solids:	65%	
Specific Gravity:	1.20	
Flash Point:	-6.11°C (21°F)	
Viscosity:	600,000 to 1,000,000 cps	
VOC Content:	30% by weight 380 g/l	CARB SCAQMD rule 1168
Shelf Life:	18 months from date of manufacture (unopened)	
Lot Code Explanation:	<b>YYDDD</b>	
Stamped on bottom plunger of cartridge	<b>YY=</b> Last two digits of year of manufacture <b>DDD=</b> Day of manufacture based on 365 days in a year Example: 14061 = 61 <sup>st</sup> day of 2014 = March 2, 2014	

## Typical Application Properties:

Application Temperature:	-7°C (20°F) to 38°C (100°F)	
Open Time:	30 minutes*	
Venting (Flashing) Time:	2 to 5 minutes	
Repositioning Time:	30 minutes*	
Set Time:	24 to 48 hours*	
Cure Time:	3 to 7 days*	
	*Times are dependent on temperature, humidity, porosity of surface bonded and amount of adhesive used	

## Typical Cured Performance Properties:

Color:	Tan	
Cured Form:	Non-flammable, rubbery solid	
Service Temperature:	-29°C (-20°F) to 60°C (140°F)	
Water Resistant:	Yes	
Paintable:	Yes	
Sandable:	No	
Specifications:	Meets or exceeds the following specifications: <ul style="list-style-type: none"><li>• ASTM C557</li><li>• ASTM E72</li><li>• ASTM E84</li><li>• CAN/CGSB 71.25-M88</li></ul>	



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## Directions:

### Tools Typically Required:

Utility knife, caulking gun, tool to puncture cartridge seal, hammer, nails or screws.

### Safety Precautions:

Interior applications require ventilation to the outside during application and cure. Wear gloves. Wash hands after use.

### Preparation:

Apply and cure between -7°C (20°F) and 38°C (100°F). For best performance use at room temperature. Surfaces must be clean, dry and free of frost, grease, dust and other contaminants. To obtain maximum adhesion, surfaces should be flat and close fitting to provide adequate contact. Release agents must be removed from poured concrete. Newly poured concrete must be allowed to cure 28 days prior to adhesive application. Painted surfaces must be well cured and free of loose paint. Pre-cut and fit materials before applying adhesive. Cut nozzle to desired bead size and puncture inner seal.

### Application:

#### Panel Installation:

Apply a continuous bead to all furring strips, studs and top and bottom plates. Position prefitted panels. Follow the nailing schedule for adhesives nail-on attachment per the Gypsum Association Manual. If installing panels to drywall, apply adhesive in a zigzag pattern within 2.5 cm (1") of vertical edges on each side and two vertical beads in the panel center, 41 cm (16") apart. Prior to nailing, remove the item and allow the adhesive to "breathe" for about 2 to 5 minutes. Realign the item and apply pressure to ensure good contact. Use mechanical fasteners at top and bottom to hold panel in place. Warped or bowed panels should not be used. All materials should be glued in place within 30 minutes after adhesive application. If work is delayed, remove excess adhesive and begin again.

#### Wood & Metal Studs:

Apply a continuous 6 mm (1/4") to 9.5 mm (3/8") bead of adhesive to all framing members starting 10 cm (4") to 15 cm (6") from the top and ending 10 cm (4") to 15 cm (6") from the bottom of where each panel is positioned on the stud. Apply two 6 mm (1/4") parallel beads of adhesive on framing members where joints abut. Position gypsum board and press firmly in place. Prior to nailing, remove the item and allow the adhesive to "breathe" for about 2 to 5 minutes. Realign the item and apply pressure to ensure good contact. Use flat panels only. Do not use warped or bowed panels. Follow the nailing schedule for adhesives nail-on attachment per the Gypsum Association Manual. For wall and ceiling applications, use fasteners around the perimeter 40 cm (16") O.C. Field fasteners are not required for wall construction unless walls show evidence of warping.

#### Laminating Gypsum Board:

Apply a 6 mm (1/4") to 9.5 mm (3/8") zigzag bead of adhesive 30 cm (12") O.C. to the base ply or fixed structure. Position and firmly press panels to the bonding surface. Prior to nailing, remove the item and allow the adhesive to "breathe" for about 2 to 5 minutes. Realign the item and apply pressure to ensure good contact. Follow recommended fastening schedules in Table No. 47-H of the Uniform Building Code for two-ply construction or refer to the Gypsum Association Manual (GA-201) for multi-ply construction. For single-ply application to concrete walls, concrete should be cured at least 28 days and free of any release agents prior to using adhesive. Permanent mechanical fasteners are required the same as for applications to wood or metal studs. Field fasteners are recommended.

### Clean-up:

Clean tools and uncured adhesive residue immediately with mineral spirits in a well-ventilated area to the outdoors. Cured adhesive may be carefully cut away with a sharp-edged tool

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## Storage & Disposal:

Not damaged by freezing. Store away from heat, flame and spark in a cool, well-ventilated area. Use an approved hazardous waste facility for disposal.

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## Label Precautions:

**DANGER. POISON. FLAMMABLE. CONTENTS MAY BE HARMFUL. CONTENTS MAY CATCH FIRE.** Do not get in eyes or on skin or clothing. Do not smoke. Do not breathe fumes. Do not swallow. Use only in a well ventilated area. Keep away from flames, such as a pilot light, and any object that sparks, such as an electrical motor. Wear chemical resistant gloves. **KEEP OUT OF REACH OF CHILDREN.**

**FIRST AID TREATMENT:** Contains petroleum distillates and xylene. If swallowed, call a Poison Control Centre or doctor immediately. If in eyes or on skin, rinse well with water. If breathed in, move person into fresh air.

**Refer to Material Safety Data Sheet (MSDS) for further information.**

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## 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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