

# **TECHNICAL DATA SHEET**

Revision: 03/01/2024 Supersedes: 02/03/2021

Ref. #: 459029



# PL 200<sup>®</sup> Drywall& Paneling Construction Adhesive (295 mL)

# **DESCRIPTION**

LePage<sup>®</sup> PL 200<sup>®</sup> Drywall & Paneling is a quality grade, low VOC, interior or exterior construction adhesive. It is specially formulated to provide a quick bond that's water-resistant and offers the ability to bridge minor framing irregularities and has long-lasting adhesion. It helps minimize unsightly nails and hammer dents.

#### Available as:

Item #	Package	Size
2933923	Cardboard Cartridge	295 mL

#### **FEATURES & BENEFITS**

- Weather resistant great for indoor or outdoor projects
- High bond strength
- Will bridge minor framing gaps when bonding irregular surfaces
- · Reduces sound transmission
- Low VOC formula

# **RECOMMENDED FOR**

LePage PL 200 bonds to drywall (gypsum board), paneling, wood trim, plywood, and metal studs. It is best suited for bonding gypsum board to wood or metal studs, laminating gypsum board to gypsum board and bonding gypsum board to wood paneling.

# **LIMITATIONS**

- Do not use for bonding two non-porous substrates
- · Do not use on cementitious board
- Do not use on polyethylene (PE), polypropylene (PP), polytetrafluoroethylene (PTFE) or nylon
- Do not use on tub surrounds, polystyrene or ABS plastic panels, or polystyrene foam board
- Do not use in overhead applications without permanent mechanical fasteners
- Not recommended for applications requiring temperature resistance greater than 60°C (140°F)
- Not to be used in areas subject to permanent water immersion
- Not suitable for use on pre-finished vinyl covered gypsum panels
- Adhesive should be fully cured before applying joint compound and finishing the wall
- Jobsite conditions should be maintained at or above 13°C (55°F) to minimize the effect of temperature, humidity, ventilation, and free moisture throughout the installation and finishing process.

# **COVERAGE**

## For a 295 mL cartridge:

- A 6 mm (¼") bead extrudes approximately 9.3 m (30.6 ft)
- A 9.5 mm (3/8") bead extrudes approximately 4.1 m (13.6 ft)



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# **TECHNICAL DATA**

Typical Uncured Physical Properties			Typical Application Properties	
Colour:	Light tan Thixotropic liquid		Application Temperature:	Apply and cure above -7°C (20°F) and below 38°C (100°F)
Appearance:				
Base:	Synthetic rubber and resins		Odor:	Acetone and methyl acetate
Flash Point:	-17°C (1.4°F)		Working Time:	15 minutes*
Specific Gravity:	1.44		Reposition Time:	30 minutes*
VOC Content:		CARB SCAQMD rule	Cure Time**:	2 to 7 days* at 25°C (78°F) and 50% RH
				**Cure time is significantly increased in cold temperatures and/or high humidity conditions
Shelf Life:	18 months from the date of manufacture (unopened)		Clean Up:	Clean up uncured adhesive residue with mineral spirits. Scrape away
Lot Code Explanation: YYDDD			cured adhesive using a sharp-edged tool.	
YY = Last two digits of the year of manufacture DDD = Day of manufacture based on 365 days per year Example: 23038 = February 7, 2023 is the date of manufacture				

<sup>\*</sup> Time is dependent upon temperature, humidity, porosity of substrate, and amount of adhesive used

Typical Cured Performance Properties						
Colour:	Light tan	Service Temperature:	-29°C (-20°F) to 60°C (140°F)			
Cured form:	Non-flammable solid	Paintable:	Yes, when fully cured			
Water Resistance:	Yes, when fully cured					

# **DIRECTIONS**

#### **Tools Typically Required**

Utility knife, caulking gun and tool to puncture inside seal of cartridge.

# **Safety Precautions:**

Wear gloves. Wash hands after use.

# Preparation:

Ensure surfaces to be bonded are clean, dry, structurally sound, and free of dust, grease, oil, and other foreign contaminants. Pre-cut and fit materials before applying adhesive. Cut nozzle to desired bead size a 9.5 mm (3/8") bead is recommended. Puncture inside seal of cartridge

#### **Application:**

#### General Construction Use:

Using a caulking gun, apply adhesive to surfaces using 6 mm (1/4") to 9.5 mm (3/8") mm round bead size. Join surfaces together within 15 minutes of application. If work is delayed, remove excess adhesive, and begin again. Note: Actual cure time will vary depending upon ambient conditions at the time of application.

# **Drywall Installation to 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 ( $\frac{1}{4}$ ") parallel beads of adhesive on framing members where joints abut. Position gypsum board and ensure entire surface of board is pressed firmly to the stud. Adhesive shrinkage during cure will pull board closer to the stud and assure a tight fit. For best results, boards should not be finished until adhesive has fully cured. Use flat panels only. Do not use warped panels unless they have been pre-bowed. Follow the fastening schedule for Adhesive Nail-on Attachment in the Gypsum Association Manual (GA-216)

#### **Drywall Installation to Wood & Metal Studs:**

or Table No. 47-G of the Uniform Building Code. Perimeter fasten 40 cm (16") O.C. for walls and ceilings and 61 cm (24") O.C. in the field of ceiling applications. Field fasteners are not required for wall construction unless walls show evidence of warping.



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# **DIRECTIONS**

#### Laminating Gypsum Board:

Apply a continuous 6 mm (¼") 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. 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-216) for multi-ply construction. Permanent mechanical fasteners are required the same as for applications to wood or metal studs. Field fasteners are recommended.

## Paneling Installation:

Apply continuous beads of adhesive to studs or furring strips (wood or metal). Prepare wall surface accordingly and apply continuous parallel beads 30 cm (12") to 40 cm (16") O.C. Position panel and ensure entire surface of board is pressed firmly to the stud. Adhesive shrinkage during cure will pull board closer to the stud and assure a tight fit. For best results, boards should not be finished until adhesive has fully cured. Use finishing nails or mechanical fasteners along top and bottom edges to hold panels in place. Temporary blocking of panels may be required until adhesive sets.

#### 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**

**NOT DAMAGED BY FREEZING.** For best results, store at 21° ± 5°C (70° ± 5°F) in a cool, dry, well-ventilated area. Store away from heat, flame, and sparks. Take unwanted product to an approved household hazardous waste transfer facility. Hardened material may be disposed of with trash.

# LABEL PRECAUTIONS

**DANGER! FLAMMABLE! IRRITANT!** Contains crystalline silica, acetone, and methyl acetate. May irritate eyes. May irritate skin. Fumes may catch fire. Do not swallow. Do not get on skin or clothing. Do not get in eyes or mouth or on skin. Do not smoke. Wear protective gloves and safety glasses. Keep away from flames, such as, pilot light, and any object that sparks, such as an electric motor. Store away from heat. Use only in a well-ventilated area. Handle with care. **KEEP OUT OF THE REACH OF CHILDREN.** 

**FIRST AID TREATMENT**: If swallowed call a Poison Control Centre or doctor immediately. If on clothes remove clothes. If in eyes, rinse well with water for 15 minutes. If on skin, rinse well with water.

Refer to the 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. Henkel recommends purchasers/users should test the products to determine acceptable quality and suitability for the intended use. All adhesive/sealant applications should be tested under simulated or actual end use conditions to ensure the adhesive/sealant meets or exceeds all required project specifications. Since assembly conditions may be critical to adhesive/sealant performance, it is also recommended that testing be performed on specimens assembled under simulated or actual production conditions. 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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