



# TECHNICAL DATA SHEET



## PL<sup>®</sup> 600<sup>™</sup>

# Landscape Block Adhesive

**Description:** LePage PL 600 Landscape Block Adhesive is an exterior, heavy-duty adhesive designed to meet any landscaping need. It delivers a quick and easy solution to installing the final course of cap with landscape blocks and the installation of cement paving stones. Excellent for landscaping projects, such as securing block walls and capstones and for bonding brick, stone, timbers, concrete, metal and wood. PL 600 Landscape Block Adhesive may be used under a variety of moisture and temperature conditions ranging from sub-freezing to elevated temperatures, dry, wet or frozen framing. Provides excellent flexibility to compensate for the different expansion rates of dissimilar materials. It is particularly effective when bonding irregular surfaces or bridging gaps between surfaces.

**Available As:**

Item #	Size	Package
1654127	295 ml	Paper Cartridge

**Features & Benefits:**

- All Weather Performance
- Permanently Secures Concrete Retaining Blocks and Pavers
- Gap-Filling Capabilities
- Water Resistant

**Recommended For:**

LePage PL 600 bonds many common construction building materials in various combinations such as brick, stone, timbers wood, slate and concrete.

**For Best Results:**

- Do not use on foam board insulation or on plastics
- Not recommended for applications over hygroscopic salt-treated wood, such as zinc chloride treatments. These substances attract, absorb and retain moisture
- Not recommended for applications requiring continuous water submersion
- Keep all foot traffic off project for 24-48 hours after installation and heavy traffic off project for 4-5 days after installation

**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)



# TECHNICAL DATA SHEET

## Typical Uncured Physical Properties:

Color:	Beige	
Appearance:	Thick paste	
Base:	Synthetic Rubber and resins Formaldehyde free	
Solvent:	Acetone	
Odor:	Acetone-like	
Specific Gravity:	1.44	
Flash Point:	-17°C (1.4°F)	
Viscosity:	375,000 cps	
VOC Content:	0.22% by weight 5.67 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:	-17°C (1.4°F) to 38°C (100°F)
Open Time:	15 minutes* @ 25°C (78°F) and 50% R.H.
Repositioning Time:	30 minutes* @ 25°C (78°F) and 50% R.H.
Cure Time:	2 to 7 days* @ 25°C (78°F) and 50% R.H.

\*Times are dependent on temperature, humidity, porosity of surface bonded and amount of adhesive used

## Typical Cured Performance Properties:

Color:	Beige
Cured Form:	Non-flammable solid
Service Temperature:	-29°C (-20°F) to 66°C (150°F)
Water Resistant:	Yes

## Directions:

**Tools Typically Required:** Utility knife, caulking gun and a long, thin tool to puncture cartridge seal

**Safety Precautions:** Well-ventilated area, gloves

**Preparation:** The temperature of the adhesive, surfaces and working area must be between -17°C (1.4°F) and 38°C (100°F). For smooth, fast, easy application during cold weather, store adhesive at room temperature (21°C) 24 hours prior to use. Ensure surfaces to be bonded are clean, dry, structurally sound and free of dust, grease, oil or other contaminants. Remove any ice or freestanding water. To increase adhesion, sand glossy surfaces to a dull finish. Pre-fit all materials prior to applying product. Cut off tip of cartridge at 45° angle to desired bead size. Puncture seal inside of nozzle.

**Application:** Apply a continuous zigzag bead to one surface to be bonded. Apply the adhesive at a rate so that the materials can be positioned and fastened within 10-15 minutes. All projects may require support until adhesive has cured. It is recommended that all foot traffic stay off of paver stones or retaining caps for at least 24 to 48 hours after installation and heavy traffic for approximately 4 to 5 days.

**For Landscape Blocks:** When installing the cap onto the final course of landscape blocks, apply a 6.3 mm (¼") bead approximately 5 cm (2") in from the front and 5 cm (2") in from the back of the cap to be installed.

**For Concrete Paving Stones:** Apply an "S" shaped bead approximately 6.3 mm (¼") to 9.5 mm (3/8") in diameter to the back of the stone to be installed. If using old concrete, clean with a 20% muriatic acid solution.

**Clean-up:** Clean tools and uncured adhesive residue immediately with mineral spirits. 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.

**Label Precautions:** **DANGER. POISON. FLAMMABLE. FUMES 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 electric motor. Wear chemical resistant gloves. **KEEP OUT OF REACH OF CHILDREN.**

**FIRST AID TREATMENT:** Contains acetone and methyl acetate. 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.**

**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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