



TECHNICAL DATA SHEET

Revision: 04/15/2026
Supersedes: 05/14/2014
Ref. #: 252774

Outdoor Weatherproof Glue

DESCRIPTION

LEPAGE® Outdoor Weatherproof Wood Glue is a durable, high performance, water and moisture resistant interior/exterior wood glue. It dries to a tough, high strength bond with over 3700 psi shear strength on maple. LePage Outdoor Wood Glue is intended for tight fitting joints in wood working projects that will have occasional weather exposure. It is also suitable for interior projects where water resistance is beneficial. To extend water resistance, finish the project with a protective coating. LePage Outdoor Wood Glue is sandable, paintable, and non-flammable. Uncured adhesive can be easily cleaned up with soap and water. LePage Outdoor Weatherproof Glue exceeds the ANSI/HPMA HP Type II test for adhesive water resistance.

Available as:

Item #	Package	Size
442185	Plastic Bottle	400 mL
524644	Plastic Bottle	800 mL

FEATURES & BENEFITS

- Dries translucent brown to blend with many wood tones
- Water resistant for exterior durability
- Sandable and paintable
- Water based for easy cleanup

RECOMMENDED FOR

Bonds porous substrates such as wood, wood compositions, veneer, paper, cardboard, fabric and leather. Excellent for interior and exterior applications such as patio tables and chairs, bird and doghouses, mailboxes, signs, railings, columns, above the water line marine applications, counter tops, bathroom projects, windowsills, laminated woodworking and floating hardwood flooring.

LIMITATIONS

- Joints that require gap filling
- Bonding two porous substrates. (e.g. plastic or metal)
- Structural applications (e.g. Load bearing applications in building construction)
- Do not store in metal containers
- Not recommended for repairs subject to movement

TECHNICAL DATA

Typical Uncured Physical Properties		Typical Application Properties	
<u>Colour:</u>	Light Brown	<u>Application Temperature:</u>	Apply and cure above 10 °C (50 °F)
<u>Appearance:</u>	Liquid	<u>Odour:</u>	Mild
<u>pH:</u>	2.6 – 4.0	<u>Open Time:</u>	5 minutes
<u>Base:</u>	Polyvinyl acetate (water-based)	<u>Clamping Time:</u>	60 minutes
<u>Specific Gravity:</u>	1.050 – 1.100	<u>Dry Time:</u>	24 hours @ 25°C (78°F) & 50% relative humidity. Strength continues to develop for 7 days. Cold and damp conditions will lengthen dry time.
<u>Viscosity:</u>	3,500 – 5,000 cps @ 20 rpm, 23°C	<u>Clean up:</u>	Soap and water (uncured adhesive)
<u>VOC Content:</u>	0.0%, 11 g/L by weight		

COVERAGE

- Approximately 3.9 m²/L (159 ft²/gallon) per surface @ 10 mils wet.



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Typical Cured Performance Properties

<u>Colour:</u>	Translucent brown	<u>Paintable:</u>	Yes
<u>Cured Form:</u>	Hard, non-flexible	<u>Sandable:</u>	Yes
<u>Water Resistance:</u>	Develops after 3 to 5 days		
<u>Specifications:</u>	Conforms to: ANSI/HPMA HP Type II Test for Adhesive Water Resistance		
<u>Compression Shear Strength:</u>	ASTM D 905 • Hard white maple, 60 min clamp, 7-day dry time > 25.5 N/mm ² (> 3700 psi)		

<u>Shelf Life:</u>	18 months from date of manufacture (unopened)																																																						
Lot Code Explanation: Stamped on bottom of bottle	YM### Y = Year M = Month ### = Batch # of a product manufactured in that given month and year For example: NE028 N = Year = 2022 E = Month = May 028 = This is the 28 th batch of this product to be manufactured in April 2022	<table><thead><tr><th>Year</th><th></th><th>Month</th><th></th></tr></thead><tbody><tr><td>2020</td><td>K</td><td>January</td><td>A</td></tr><tr><td>2021</td><td>M</td><td>February</td><td>B</td></tr><tr><td>2022</td><td>N</td><td>March</td><td>C</td></tr><tr><td>2023</td><td>P</td><td>April</td><td>D</td></tr><tr><td>2024</td><td>R</td><td>May</td><td>E</td></tr><tr><td>2025</td><td>S</td><td>June</td><td>F</td></tr><tr><td>2026</td><td>T</td><td>July</td><td>G</td></tr><tr><td>2027</td><td>W</td><td>August</td><td>H</td></tr><tr><td>2028</td><td>X</td><td>September</td><td>J</td></tr><tr><td>2029</td><td>Y</td><td>October</td><td>K</td></tr><tr><td>2030</td><td>A</td><td>November</td><td>M</td></tr><tr><td>2031</td><td>B</td><td>December</td><td>N</td></tr></tbody></table> Note: I, L, O, Q, U, V, and Z have been skipped		Year		Month		2020	K	January	A	2021	M	February	B	2022	N	March	C	2023	P	April	D	2024	R	May	E	2025	S	June	F	2026	T	July	G	2027	W	August	H	2028	X	September	J	2029	Y	October	K	2030	A	November	M	2031	B	December	N
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DIRECTIONS

Tools Typically Required:

Wood clamps, damp cloth or rag and sandpaper.

Safety Precautions:

Wear gloves, safety glasses, and wash hands after use.

Preparation:

Apply and cure adhesive when materials, working environment, and glue are at a working temperature above 10°C (50°F). If the adhesive appears grainy or very thick, it has either been damaged by freezing or has exceeded its shelf life. If this is the case, do not use as product performance would be compromised. Surfaces to be bonded must be tight fitting, clean, free of standing water, grease, frost, dust and other contaminants. For best results, use woods with a moisture content between 7% and 12%. Extremely dry wood will soak up the water in the adhesive before the curing process can occur. Oily woods such, as teak and rosewood should be freshly dressed and degreased using acetone. (Note: Acetone is highly flammable. Follow manufacturer's safety warnings.) Do not dilute the adhesive.

Application:

Spread LePage Outdoor Wood Glue evenly onto contacting surfaces. Open time should be limited to 5 minutes. Join and clamp parts under moderate pressure, 345 to 1034 kPa (50 to 150 psi), until they achieve uniform contact (i.e. no gaps). For hardwoods, use a higher-pressure range. Avoid excessive pressure, which will result in starved glue joints. Remove any "squeeze-out" with a scraper or by wiping with a clean, damp cloth. Clamp parts together for at least 60 minutes. Allow for extra clamping and drying time when bonding oily woods. When laminating multiple layers of wood or gluing assemblies under stress, allow additional clamping time. After clamping, allow glued sections to remain undisturbed overnight before subjecting to further finishing. Ensure that any excess dried glue is removed from all surfaces by sanding prior to staining or varnishing. Failure to do so will result in a white spot when using stains or clear coats. Allow 3 to 5 days set time before exposing to water.



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DIRECTIONS

Clean-up:

Wet adhesive residue can be cleaned up using warm, soapy water. After it has dried, it is very difficult to remove. Repeated rubbing with a hot damp cloth or steaming is the best method. Paint strippers will also remove dried glue

STORAGE & DISPOSAL

DAMAGED BY FREEZING. Store in tightly closed containers at a storage temperature of 5°C (41°F) to 32°C (90°F). Do not store in metal containers. For unwanted product, allow to harden and dispose of with trash

LABEL PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

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.

LIMITED WARRANTY

This product is warranted by Henkel Corporation to be free from defects in materials when used as directed. Henkel's sole obligation shall be, at its option, to replace or refund the purchase price of product proven to be defective. Henkel makes no other warranty – express or implied – including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE and will not be liable for consequential or incidental damages. This Limited Warranty gives you specific legal rights, which vary from state to state. For warranty assistance, contact Henkel at 1.800.624.7767 M-F 9:00 am to 4:00 pm ET.



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