

Architectural Coatings

GENERAL DESCRIPTION

Liquid Nails Landscape Block & Stone Adhesive, LN-905, is a weather-resistant construction adhesive to prevent shifting and loosening of blocks, stones and timbers due to seasonal changes. Bonds stone, block and timber into a single, strong structure. Also ideal for repairs to loose stone, brick or block. Certified by UL Environment to meet the GREENGUARD Gold Standard as a low emitting material.

RECOMMENDED SUBSTRATES

Bonds To: Brick, Concrete, Timber, Slate & Stone for Retaining Walls or Garden Walls, Capstones & Hardscape Applications, Steps, Walkways, and Planters.

FEATURES / BENEFITS

Strong bond for masonry & stone projects
Waterproof bond
Withstands extreme temperatures from -20°F(-29°C) to 140°F(49°C)
Ideal for repairs to loose stone, brick, or block
Paintable with oil or latex paint

CONFORMANCE STANDARDS

VOC compliant in all regulated areas



PRODUCT INFORMATION / PACKAGING

LN-905 10.0 FL OZ (295 mL) Tube (12 Tubes/Carton)

LIMITATIONS OF USE

For structures greater than 3 ft. (91 cm) in height, consult manufacturer's instructions. Not recommended for water immersion applications.

Do not apply to wet surfaces.

FREEZE/THAW STABLE. Store product at 40°F (4°C) to 100°F (38°C). **USE PRODUCT WITHIN ONE YEAR OF PURCHASE.**

Liquid Nails Landscape Block & Stone Exterior Construction Adhesive

PRODUCT DATA

BASE: Latex

COLOR: White

APPEARANCE: Smooth

APPLICATION TEMPERATURE: 22°F to 120°F (-6°C to 49°C)

SERVICE TEMPERATURE: -20°F to 140°F (-29°C to 60°C)

EXTRUDABILITY: Applies easily to temperatures down to 22°F (-6°C)

CONSISTENCY: Paste, non-sag

SAG: Non-sag in normal use

BRIDGING: Excellent, bridges gaps to 3/8" (9.5 mm)

SHEAR STRENGTH: 24 hours – 350 psi
48 hours – 450 psi
7 days – 500 psi

DUABILITY: Excellent; estimated to exceed 40 years

WEIGHT PER GALLON: 11.00 lbs. (4.99 kg)

VISCOSITY: 400,000 cps

OPEN TIME: 15 minutes at room temperature

MINIMUM CURE TIME: 24 hours at room temperature

DRYING TIME: Completely dry in two weeks

FREEZE/THAW STABILITY: Passes 5 cycles

FLAMMABILITY: Non-flammable

FLASH POINT: >205° F (96° C)

PERCENT VOLATILE: 40%

PERCENT SOLIDS: 60%

COVERAGE: Approximately 30 linear ft. (9 linear meters) using a 1/4" (6 mm) bead.

SHELF LIFE: One year from date of purchase

ODOR: Very mild latex

SPECIFICATIONS: Exceeds ASTM C557

MAX VOC: < 7% by weight

GENERAL SURFACE PREPARATION/APPLICATION

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted, NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

DIRECTIONS: Surfaces must be clean, dry, and structurally sound. Cut nozzle, puncture inner seal, and insert tube into caulking gun. Apply ¼" (6 mm) bead along the front and back of the block. Install within 10 minutes. Note: Do not allow traffic on stairs or use of walls for 16 hours after application. Consult block manufacturer's instructions.

CLEANUP: Use water to remove wet adhesive. Dried adhesive may be scraped off surface. Residue may be removed by wiping with mineral spirits.

DISPOSAL: Contact your local environmental regulatory agency for guidance on disposal of unused product.

PERMISSIBLE TEMPERATURES DURING APPLICATION:

| | | |
|------------|-------------|--------------|
| Material: | 40 to 100°F | 4 to 38°C |
| Ambient: | 22 to 120°F | -6°C to 49°C |
| Substrate: | 22 to 120°F | -6°C to 49°C |

PRECAUTIONS

WARNING! HARMFUL IF INHALED. Sanding and grinding dusts may be harmful if inhaled. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces. Do not breathe vapor. Do not swallow. Do not get on skin or clothing. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling. Provide fresh air ventilation during and after application and drying. Avoid the inhalation of dust or particulates arising from the application of this preparation. Use personal protective equipment as required. **FIRST AID:** If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting unless directed to do so by medical personnel. If in eyes, rinse with water for 15 minutes. Check for and remove any contact lenses. If on skin, rinse well with water. Wash with soap and water. Get medical attention if irritation develops. If inhaled, remove to fresh air. Call physician immediately. Contains isothiazolinones. May cause allergic reaction. Keep out of the reach of children. For workplace use, an SDS is available from your retailer or by calling (412) 492-5555. **EMERGENCY SPILL INFORMATION:** (412) 434-4515 (U.S.).

© 2023 PPG Industries, Inc. All Rights Reserved. The PPG Logo is a registered trademark of PPG Industries Ohio, Inc. Liquid Nails is a registered trademark of PPG Architectural Finishes, Inc. UL Greenguard is a certification mark of UL LLC.

PPG Architectural Finishes, Inc. believes the technical data presented is currently accurate; however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, call 1-800-441-9695.



PPG Architectural Finishes, Inc.
One PPG Place
Pittsburgh, PA 15272
www.liquidnails.com

Technical Services
1-800-441-9695

Architect/Specifier
1-888-PPG-IDEA

PPG Architectural Coatings Canada Inc.
1550 rue Ampère, Suite 500
Boucherville (Quebec) J4B 7L4

LN-905 10/2023