



Architectural Coatings

Liquid Nails Subfloor & Deck Interior/Exterior Construction Adhesive**GENERAL DESCRIPTION**

Liquid Nails Subfloor & Deck Construction Adhesive, LN-602/LNP-602, is a specially formulated weatherproof-grade adhesive for interior and exterior construction, offering easy cold weather gunning ability. Penetrates wet, frozen and treated lumber. Ideal for bonding common building materials to concrete, and can bridge gaps up to 3/8". Exceeds ASTM C-557.

RECOMMENDED SUBSTRATES

Bonds To: Lumber, Treated Lumber, Plywood, Engineered Lumber, OSB, Particleboard, Waferboard and Metal-to-Wood.

FEATURES / BENEFITS

Guns easily in extreme temperatures from 10° (-12°C) to 100°F (38°C)

Eliminates Squeaky Floors

Bonds Wet & Frozen Lumber

Bonds Composite Materials

Interior & Exterior

Excellent adhesion to most common building substrates

Paintable with oil or latex paint

PRODUCT INFORMATION / PACKAGING

LN-602 10.0 FL OZ (295 mL) Tube (12 or 24 Tubes/Carton)

LNP-602 28 FL OZ (828 mL) Tube (12 Tubes/Carton)

LIMITATIONS OF USE

Not recommended for foamboard, uses other than subfloors, decks, and wall system installation, or underlayment directly to concrete without proper vapor barrier and fasteners.

Not recommended for direct exposure to sunlight.

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

PRODUCT DATA

BASE: Synthetic Rubber (Solvent)

COLOR: Light Tan

APPEARANCE: Smooth paste

APPLICATION TEMPERATURE: 10°F to 100°F (-6°C to 38°C)

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

CONSISTENCY: Non-sag under normal use

EXTRUDABILITY: Easy to gun at room temperature

SHEAR STRENGTH: 24 hours – 200 psi
48 hours – 300 psi
28 days – >450 psi

WEIGHT PER GALLON: 9.5 lbs. (4.31 kg)

VISCOSITY: 210,000 cps

OPEN TIME: 15 minutes at room temperature

MINIMUM CURE TIME: 24 hours at room temperature

DRYING TIME: Full cure in two weeks

FREEZE/THAW STABILITY: No effect after 5 cycles

FLAMMABILITY: Extremely flammable; non-flammable when dry

FLASH POINT: 1°F (-17°C)

PERCENT VOLATILE: 34%

PERCENT SOLIDS: 66%

COVERAGE: Approximately 30 linear ft. (9 linear meters) using a 1/4" (6 mm) bead, for 10.0 FL OZ tube. Approximately 85 linear ft. (26 linear meters), for 28 FL OZ tube.

SHELF LIFE: One year from date of purchase

ODOR: Mild Solvent

SPECIFICATIONS: Exceeds ASTM C557

MAX VOC: < 40% by weight

Read Label and Safety Data Sheet Prior to Use. See other cautions on last page.

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 and structurally sound. Can be applied in temperatures as low as 10°F (-12°C). For best results and easier gunning, condition adhesive to at least 40°F (4°C). Cut nozzle, puncture inner seal, and insert tube into caulking gun. Adhere materials within 15 minutes. **Subflooring:** Where sheet butts along joist, lay one zigzag ¼" (6 mm) bead. Space joints the thickness of a putty knife to allow for expansion. Nail section into place 6" (15 cm) on center around edges and 12" (30.5 cm) on center in center on all joists. Subfloor must be under roof within six weeks of construction. When installing underlayment to concrete, see our website for further information. **Decks:** Apply ¼" (6 mm) bead on every joist; pre-drill nail holes to prevent wood splits.

CLEANUP: Use mineral spirits or an adhesive remover.

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:	10 to 100°F	-12 to 38°C
Substrate:	10 to 100°F	-12 to 38°C

PRECAUTIONS

DANGER! EXTREMELY FLAMMABLE LIQUID AND VAPOR. MAY CAUSE FLASH FIRE. HARMFUL IF INHALED. HARMFUL IF ABSORBED THROUGH SKIN. HARMFUL OR FATAL IF SWALLOWED. CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION. MAY CAUSE ALLERGIC RESPIRATORY REACTION. Sanding and grinding dusts may be harmful if inhaled. Inhalation of high concentrations of vapor may affect the central nervous system. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. High vapor concentrations can cause headaches, dizziness, drowsiness, and nausea and may lead to unconsciousness. 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. Can enter lungs and cause damage. Keep away from heat, sparks, and flame. Keep away from flames, such as a pilot light, and any object that sparks, such as an electric motor. Do not breathe vapor. Do not swallow. Do not get on skin or clothing. Avoid contact with eyes. 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). Call physician immediately. 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. In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes. Get medical attention immediately. If inhaled, remove to fresh air. Call physician immediately. 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.).

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