

Architectural Coatings

Liquid Nails Subfloor & Deck Interior/Exterior Construction Adhesive

GENERAL DESCRIPTION

Liquid Nails Subfloor & Deck Construction Adhesive, LN-902/LNP-902, permanently bonds wet, frozen and treated lumber, bridging gaps up to 3/8". This extreme temperature formula is also ideal for bonding most common building materials and is certified by UL Environment to meet the GREENGUARD Gold Standard as a low emitting material. Also, certified by PFS Corporation, an independent, third-party laboratory, to meet the requirements of the American Plywood Association AFG-01 specification for adhesives for field gluing subflooring.

RECOMMENDED SUBSTRATES

Bonds To: Lumber, Treated Lumber, Plywood, Engineered Lumber, OSB*, Particleboard, and Waferboard.

*Not recommended for use with 500 day weather-resistant panels

FEATURES / BENEFITS

Guns easily in extreme temperatures from 20° (-6°C) to 100°F (38°C)
 Eliminates Squeaky Floors
 Bonds Wet & Frozen Lumber
 Interior & Exterior
 Excellent adhesion to most common building substrates
 Paintable with oil or latex paint

CONFORMANCE STANDARDS

VOC compliant in all regulated areas
 Subflooring - Meets the requirements of the APA AFG-01 specification for subfloor installation.



PRODUCT INFORMATION / PACKAGING

LN-902 10.0 FL OZ (295 mL) Tube (12 or 24 Tubes/Carton)
 LNP-902 28 FL OZ (828 mL) Tube (12 Tubes/Carton)

LIMITATIONS OF USE

Not recommended for plastic or composite lumber, underlayment to concrete, uses other than subfloors, decks, and wall system installation.

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: 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: Short, non-sag
SAG: Non-sag in normal use
BRIDGING: Excellent, bridges gaps up to 3/8" (1 cm)
SHEAR STRENGTH: 24 hours – 350 psi
 48 hours – 450 psi
 7 days – 500 psi
DUABILITY: Excellent; estimated to exceed 40 years
WEIGHT PER GALLON: 10.99 lbs. (5.76 kg)
VISCOSITY: 200,000 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: 41%
PERCENT SOLIDS: 59%
COVERAGE: Approximately 30 linear ft. (9 linear meters) using a 1/4" (6 mm) bead, for 10.0 FL OZ tube.
SHELF LIFE: One year from date of purchase
ODOR: Very mild latex
SPECIFICATIONS: Passes APA AFG-01 and ASTM C557
MAX VOC: < 7% 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, dry, and structurally sound. Can be applied in temperatures as low as 22°F (-6°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 water for wet adhesive. Use mineral spirits or an adhesive remover for dry adhesive.

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.).

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