

LN-602/LNP-602 Interior & Exterior

A tough, weatherproof solvent-based formula that virtually eliminates squeaky floors*

PRODUCT 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". Certified by PFS Corporation, an independent, third-party laboratory to meet the requirements of the ASTM D 3498 specification for adhesives for field gluing subflooring.

RECOMMENDED FOR

increasing the structural integrity of wall, deck and subfloor systems using the following common building materials:

- Lumber and treated lumber
- Engineered lumber
- Plywood
- Particleboard
- Waferboard
- OSB

NOT RECOMMENDED FOR

uses other than subfloor, deck and wall system installation, or underlayment directly to concrete without proper vapor barrier and fasteners.

PRODUCT ADVANTAGES

- Virtually eliminates squeaky floors*
- Easy cold weather gunning formula
- Bonds wet, frozen and treated lumber
- Bonds composite materials
- Tough, durable and flexible
- Exceeds ASTM D-3498, APA-AFG-01, ASTM C-557
- Conforms to HUD UM60a

**When applied as directed*

Please research all installation instructions and read entire label and Material Safety Data Sheet for safety, health & environmental information prior to use. See other cautions on last page.



SURFACE PREPARATION

Make sure that all surfaces are clean, structurally sound and free of excess water. Wood can be damp, but the adhesive will take longer to dry. LN-602/LNP-602 can be applied at temperatures as low as 10° F (-12° C).

APPLYING THE PRODUCT

Condition LN-602/LNP-602 adhesive to at least 40°F (4°C) for easier gunning. Adhere materials within 15 minutes of gunning adhesive. Make sure skin of bead is broken. If not, scrape off bead and apply fresh bead.

Subfloors: Conventional or tongue and groove: Lay one 1/4" (.64 cm) zigzag adhesive bead on each joist. On supporting joists where sheets meet, lay two zigzag beads for added strength and to prevent squeaking. Space joints the thickness of a putty knife to allow for expansion. Nail section into place with 8d annular or spiral nails 12" (30 cm) on center of all joists. Subfloor must be under roof within 6 weeks of construction. Proper installation methods for subflooring must be followed.

Decks: Use a 1/4" (.64 cm) bead on every joist for added strength and to prevent squeaking. Nail planks at every other joist; pre-drill nail holes to prevent splitting of wood.

CLEAN UP

Use mineral spirits or an adhesive remover.

DISPOSAL

Contains organic solvents which may cause adverse effects to the environment if disposed of improperly. Place **empty** containers in normal refuse for disposal. Contact your sanitation department or household hazardous waste coordinator for information concerning possible re-use or disposal of unused solvent-containing adhesives and/or sealants. EAD-C9

LIMITED WARRANTY

PPG warrants satisfaction with this product when handled and applied according to label instructions. If product is not as warranted, PPG will, at your option, furnish replacement product or refund the purchase price. Please call 1-800-634-0015 for details. This limited warranty excludes labor or the cost of labor and is given as the exclusive warranty and remedy. **No warranty of merchantability, fitness for purpose or other warranty, express or implied, is made. PPG shall not be liable for any special, incidental or consequential damages.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusions/limitations may not apply. This limited warranty gives specific legal rights; you may have other rights that vary by state.

DANGER! EXTREMELY FLAMMABLE. CAUSES EYE AND SKIN BURNS. HARMFUL OR FATAL IF SWALLOWED. HARMFUL IF INHALED. MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DIZZINESS, HEADACHE OR NAUSEA. CAUSES RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF ABSORBED THROUGH SKIN. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Contains Crystalline Silica. If sanding, wear a dust mask to avoid breathing of sanding dust. Keep away from heat, sparks and flame. **Do not smoke. Vapors may ignite explosively.** Vapors may spread long distances. Extinguish all flames, burners, stoves, heaters and pilot lights and disconnect all electrical motors and appliances before use and until all vapors are gone. Do not breathe vapors. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. Avoid contact with eyes and skin. Close container after use. **FIRST AID:** For skin contact, wash thoroughly with soap and water. If any product remains, gently rub with petroleum jelly, vegetable or mineral/baby oil then wash again with soap and water. Repeat as needed. Remove contaminated clothing. For eye contact, flush immediately with plenty of water for at least 15 minutes. **Get medical attention.** If swallowed, **get medical attention immediately.** If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or breathing difficulty occurs, get medical attention. **For emergency information, customer service, MSDS or additional safety and chronic hazard information, call 1-800-634-0015. KEEP FROM FREEZING.**

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LN-602/LNP-602 TECHNICAL INFORMATION

Base: Synthetic rubber & resin

Type: Solvent elastomeric adhesive

Color: Light Tan

Appearance: Smooth paste

Application Temperature: 10–100°F
(-12–38°C)

Service Temperature: -20–140°F
(-29–60°C)

Adhesion: Excellent to most common building materials

Consistency: Non-sag under normal use

Bridging Ability: Excellent, bridges gaps to 3/8" (1 cm)

Extrudability: Very easy to gun at room temperature

Shear Strength: 24 hours – 200 psi
48 hours – 300 psi
28 days – exceeds 450 psi

Durability: Very good; estimated to exceed 40 years

Flexibility: Excellent

Water Resistance: Very good

External Weathering: Very good; not recommended for direct exposure to sunlight

Aging: Excellent after accelerated aging cycle

Freeze-Thaw-Stable: Does not freeze

Bleed: None

Staining: None

Odor: Mild solvent

Working Time: Adhere within 15 minutes

Minimum Cure Time: 24 hours

Drying Time: Full cure in two weeks

Paintability: Paintable with oil and latex based paints

Weight Per Gallon: 9.5 pounds (1.13 kg/l)

Viscosity: 210,000 CPS

Volatiles: 34%

Solids: 66%

Flammability: Extremely flammable; nonflammable when dry

Flash Point: 1°F (-17°C)

Coverage: 30 lineal ft. using 1/4" bead for 10 fl.oz.; 85 lineal ft. using 1/4" bead for 28 fl.oz.

Shelf Life: 12 months from date of purchase

Specifications: Exceeds ASTM AFG-01 & ASTM-D-3498

VOC: < 40% by wt. (372 g/L)

PPG Architectural Coatings
400 Bertha Lamme Drive
Cranberry Township, PA 16066

www.liquidnails.com
1-800-634-0015

Made in the
USA