

SUBFLOOR

& Deck Construction Adhesive

LN-902/LNP-902

Interior & Exterior

Non-flammable, latex-based extreme temperature formula guns easily in temperatures down to 22°F

PRODUCT 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. Exceeds ASTM C-557.

RECOMMENDED FOR

- Plywood
 - Lumber
 - Engineered lumber
 - Particleboard
 - Cementboard
 - Treated lumber
 - Waferboard
 - OSB*
- *Not recommended for use with 500 day weather-resistant panels

NOT RECOMMENDED FOR

- Uses other than subfloors, walls and decks
- Plastic or composite lumber
- Underlayment directly to concrete

PRODUCT ADVANTAGES

- Guns easily in temperatures down to 22°F
- Bonds wet and frozen lumber
- Helps reduce floor squeaks
- Bridges gaps up to 3/8"
- VOC compliant everywhere
- Exceeds APA-AFG-01 and ASTM C-557 specifications



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.



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SURFACE PREPARATION

Make sure that all surfaces are clean, structurally sound and free of excess water. Wood may be damp, but the adhesive will take longer to dry. LN-902 can be applied at temperatures as low as 22° F (-6° C).

APPLYING THE PRODUCT

Preparation: Surfaces must be clean, dry and structurally sound. Condition adhesive to at least 40°F (4°C) for easier gunning. Adhere materials within 15-20 minutes of gunning adhesive. Make sure skin of bead is broken; if not, scrape off and apply fresh bead.

Subflooring (convention tongue and groove): For added strength and to prevent squeaking, lay one 1/4" (.64 cm) zigzag adhesive bead on each joist. On supporting joists where sheets meet, lay two zigzag 1/4" beads for added strength and to prevent squeaking. Lay sheets with plywood face grain at right angle to joists. Space joists the thickness of a putty knife to allow for wood expansion. Nail section into place 6" on center around edges and 12" on center in center on all joists. Subfloor must be under roof within 6 weeks of construction. For additional information regarding subfloors, refer to the American Plywood Association (APA) bulletin, "APA Glued Floor System".

Transition Strips and Thresholds: Apply adhesive along the entire length in 1/4" wide beads, spaced 2" apart, recessed 1/2" to 1" from the edges. For transition strips and thresholds less than 3" wide, a single bead will be sufficient. (For stair treads, we recommend using LN-602 or LN-903. Consult technical service for specific instructions.)

Foam Insulation, Foamboard, Paneling, Corkboard, etc. to Flat Surfaces: Apply a 1/4" (.64 cm) bead near the outside edges and throughout field in lines 12" apart.

Other Substrates: Follow manufacturer's instructions. Allow 24 hours drying time before using construction area.

CLEAN UP

Use water for wet adhesive. Use mineral spirits or an adhesive remover for dry adhesive.

DISPOSAL

Place **empty** containers in normal refuse for disposal. Remove residual product from the container, allow product to dry, and dispose of in conjunction with normal household waste. Contact your sanitation department or household hazardous waste coordinator for information concerning possible re-use of unused caulks and sealants.

EAD-C8

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.

WARNING! CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF SWALLOWED. POTENTIAL CANCER HAZARD. CONTAINS FORMALDEHYDE WHICH HAS BEEN SHOWN TO CAUSE UPPER RESPIRATORY TRACT CANCER AND ALLERGIC RESPIRATORY REACTION. MAY CAUSE ALLERGIC SKIN REACTION. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN. This product contains a chemical known to the state of California to cause cancer. Contains Crystalline Silica. If sanding, wear a dust mask to avoid breathing of sanding dust. Avoid contact with eyes and skin. **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 discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, get medical attention. **For emergency information, customer service, MSDS information or additional safety and chronic hazard information, call 1-800-634-0015. KEEP FROM FREEZING.**

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LN-902/LNP-902 TECHNICAL INFORMATION

Base: Latex

Type: Waterborne

Color: White

Appearance: Smooth

Application Temperature: 22–120° F
(-6–38° C)

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

Adhesion: Excellent to most common building substrates

Extrudability: Very easy to gun at room temperature down to 22° F

Consistency: Short, non sag

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

Shear Strength: 24 hours – 350 psi
48 hours – 450 psi
7 days – 500 psi

Durability: Excellent; estimated to exceed 40 years

Flexibility: Good

Sag: Non sag in normal use

Water Resistance: Very good

Exterior Weathering: Not recommended

Aging: Excellent

Freeze-Thaw-Stable: Passes 5 cycles

Bleed: None

Staining: None

Odor: Very mild latex

Minimum Cure Time: 24 hours

Drying Time: Completely dry in two weeks

Paintability: Paintable with oil or latex

Weight Per Gallon: 10.99 pounds (1.32 kg/L)

Viscosity: 200,000 CPS

Volatiles: 41%

Solids: 59%

Flammability: Nonflammable

Flash Point: >205° F (96° C)

Coverage: 10 oz. (296 ml) 30 lineal ft. using 1/4" bead; 28 oz. (828 ml) 85 lineal ft. using 1/4" bead

Shelf Life: 12 months from date of purchase

Specifications: Passes APA AFG-01 and ASTM C-557

VOC: < 7% by wt. (< 50 g/L)

PPG Architectural Coatings
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www.liquidnails.com
1-800-634-0015

Made in the
USA