

**LN-704/LNP-704**

**Interior**

**A proven, high-quality, waterproof adhesive that creates a strong durable bond.**

**PRODUCT DESCRIPTION**

LIQUID NAILS® Projects Construction Adhesive, LN-704 offers water clean-up when wet, develops strength rapidly, and has excellent water resistance and long-term holding power when set. Projects Construction Adhesive is certified by the GREENGUARD Environmental Institute to meet their Children and Schools standard for indoor air quality. LN-704 meets all air quality regulations.

**RECOMMENDED FOR** interior installations and all common building materials, including:

- Paneling
- Molding
- Drywall
- Plywood/hardboard
- Foamboard
- Styrofoam® Brand Insulation
- InsulPink® Foam Insulation Board
- Medium density fiberboard
- Corkboard
- Foambak tub surrounds
- Furring strips
- Masonry/concrete
- Ceramic tile repairs
- Foamular® Rigid Foam Insulation

Foamular and InsulPink are registered trademarks of Owens-Corning Fiberglas Technology, Inc. Styrofoam is a registered trademark of the Dow Chemical Company.

**NOT RECOMMENDED FOR** exterior use or for application of ceiling tile, finished floors, mirrors, plastic & vinyl, marble & granite, or foamboard to foamboard. LN-704 should not be used in basement applications.

*Please research all installation instructions and read entire label for safety, health & environmental information prior to use.*

*Look for other LIQUID NAILS products which are right for your specific project.*

**PRODUCT ADVANTAGES**

- Safer for indoor use
- High-strength bond
- Very low odor
- Easy water clean-up
- Bridges gaps up to 3/8"
- No harmful fumes
- Up to 30 minutes open time
- Non-staining
- Will not attack foam insulation
- VOC compliant



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



### **SURFACE PREPARATION**

Surfaces must be clean, dry, and structurally sound. Cut and pre-fit materials prior to installation.

### **APPLYING THE PRODUCT**

Insert tube into caulking gun. Cut nozzle to desired bead size marked on nozzle. Puncture inner seal with nail or wire. Apply adhesive in temperature of 60°F or higher. Press material into place. Lift off for 2-4 minutes, then press back into place. Material should not be applied to skinned adhesive. Do not apply to moist concrete or masonry.

**Note:** One surface must be porous.

**Bonding material to furring strips or studs:** Apply a zigzag 1/4" bead of adhesive to each strip or stud to be covered by material. Position materials so edges meet at stud center. Press firmly into place. Finishing nails required at top and bottom.

**Bonding foamboard, foamback tub surrounds, paneling, corkboard, brick veneer, etc. to flat surfaces:** Cover entire substrate with 1/4" vertical zig-zag bead a maximum of 12" apart and within 1-1/2" of all edges.

### **CLEAN-UP**

Use water for wet adhesive. Use mineral spirits or 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**

AkzoNobel warrants satisfaction with this product when handled and applied according to label instructions. If this product is not as warranted, please call 1-800-634-0015 for refund or product replacement details. This 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.** AkzoNobel shall not be liable for any special, incidental or consequential damages. Some states do not allow the exclusion of incidental or consequential damages, so the limitations may not apply. This warranty gives specific legal rights. You may also have other rights that vary from state to state.

**WARNING! CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF SWALLOWED. 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 and birth defects, or other reproductive harm. 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 or additional safety and chronic hazard information, call 1-800-634-0015. KEEP FROM FREEZING.**

MAC11-0705

### **LN-704**

### **TECHNICAL INFORMATION**

**Base:** Latex emulsion

**Color:** Off-white

**Appearance:** Smooth gunnable paste

**Application Temperature:**

40° to 100° F (5° to 38° C)

**Service Temperature:** up to 120° F (49° C)

**Adhesion:** Excellent to most common building materials

**Bridging Ability:** Good; bridges gaps to 1/4" (.64cm)

**Shear Strength:**

24 hours – 300 psi

48 hours – 350 psi

28 days – 400 psi

**R.T. Static Load in Shear:**

10 lbs. No failure in 72 hours.

**Tensile Strength:**

24 hours – 60 psi avg.

7 days – 75 psi avg.

**Durability:** Resistant to oxidation, 20 year life

**Flexibility:** Good

**Water Resistance:** Good

**Aging:** Good

**Freeze-Thaw Stable:** Passes 5 cycles

**Bleed:** None

**Staining:** None

**Odor:** Mild Acrylic

**Working Time:** 30 minutes

**Weight Per Gallon:** 12.18 pounds (5.8 kg)

**Viscosity:** 400,000 CPS

**Volatiles:** 38%

**Solids:** 62%

**Flammability:** Nonflammable

**Flash Point:** Exceeds 200°F (93°C)

**Coverage:** Using full round 1/4" (.64 cm) bead:

10.5 oz. (310 ml) - 32 lineal feet (10 lineal meters)

**Shelf Life:** 12 months from date of purchase

**MAX VOC:** 14 g/L