






**The New Generation of Decking**

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## Recommended Adhesives For Installing DekTek Tile

This document contains recommended adhesive information for applying DekTek Tile on wood and steel joists. These adhesives are available at DekTek Tile. For more information, see the following pages.

### Recommended Adhesives:

Product	Picture	Application Temperature (during install)	Service Temperature (after install)	Minimum Cure Time	Time for Obtaining Shear Strength	Coverage <i>1/4 (inch) full rounded bead</i>
Liquid Nails® Polyurethane LN-950		40 to 100°F (5-38°C)	-40 to 300°F (-40 to 149°C)	<12 Hr. at 73°F/50% Rel. Hum.	24 Hr. ≥ 175psi 48 Hr. ≥ 250psi	10 oz. cartridge; 30 lineal ft.
Liquid Nails® FUZE*IT LN-2000		0 to 140°F (-17°C to 60°C)	-40 to 300°F (-40 to 149°C)	24 Hr. at 73°F/50% Rel. Hum.	24 Hr. = 400psi (full strength)	9 oz. cartridge 27 lineal ft.
Alliance Gator Block™ XP Polyurethane*		>32°F (0°C)	>32°F (0°C)	24 Hr.	24 Hr. = 800psi 7 days = 1000psi	28 oz. cartridge 85 to 90 lineal ft.

### Precautions

\*Alliance Gator Block XP Polyurethane should only be used in warmer states that do not see freezing temperatures.

### Important Tips For Applying Adhesive:

- Do not set the adhesive in a solid bead when using the DekTek's Sleeper System Install. The adhesive needs to be set in dabs so water drainage is possible.
- When setting the tile in cold temperatures (below 40°F), use a heated caulk gun for best results.
- We do not recommend setting adhesive when the joists are wet or damp. This could interfere with the bond between the tile and the joist.

RAI2019



# POLYURETHANE

## Construction Adhesive

**LN-950**

**Interior & Exterior**

***An excellent weather-proof adhesive specially formulated to adhere to non-porous surfaces***

### PRODUCT DESCRIPTION

LIQUID NAILS® Polyurethane Construction Adhesive, LN-950, provides a weather-proof bond which withstands a wide range of temperatures for a strong bond indoors and out. Works on a wide range of materials including non-porous surfaces such as, glass, ceramic, plastic and vinyl.

### RECOMMENDED FOR

- Brick veneers
- Countertops
- 1/8" MDF paneling
- Foamboard
- Plastics & vinyl
- Subfloors
- Ceramics & mirrors
- Metal Studs
- Particleboard (with plywood & waferboard)
- Plywood & waferboard
- Treated lumber
- Drywall
- Tileboard
- Granite & marble
- Cabinets
- Concrete & stone
- Composite materials

### NOT RECOMMENDED FOR

- Ceiling tile

### PRODUCT ADVANTAGES

- Tougher and more durable than conventional adhesives
- Weatherproof
- Bonds to a wide range of materials and surfaces
- Withstands wide range of temperatures
- Strong bond indoors and out
- VOC compliant everywhere
- Exceeds ASTM D-3498 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.



# POLYURETHANE

## Construction Adhesive

### SURFACE PREPARATION

Surfaces must be clean, structurally sound, and free of loose particles. For smooth surfaces, adhesion can be improved by lightly sanding bond areas prior to applying adhesive.

### APPLYING THE PRODUCT

Wear gloves when using this product.

**Application:** Insert cartridge into a standard caulk gun and puncture inner seal with a nail or wire. Apply a 1/4 inch wide bead of adhesive to one of the surfaces to be bonded. Join the surfaces together within 30 minutes and press firmly so that the adhesive is 1/16" to 1/8" in thickness. Use mechanical fasteners or bracing to hold surfaces together until the adhesive has set (about 8 to 12 hours, depending on temperature, humidity, and porosity of the surfaces). Do not use this product at temperatures below 40° F. Clean up wet adhesive with mineral spirits or toluene. Remove dry adhesive by scraping.

**Dry Time:** Product will normally dry within 8-12 hours. Actual dry time may vary with temperature, humidity and materials used.

### CLEAN UP

Use mineral spirits when adhesive is wet or scrape away when dry.

### 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.

**WARNING! COMBUSTIBLE. HARMFUL OR FATAL IF SWALLOWED. HARMFUL IF INHALED. MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DIZZINESS, HEADACHE OR NAUSEA. CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN.** This product contains solvents. 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 is done, wear a dust mask to avoid breathing of sanding dust. Keep away from heat, sparks and flame. **Do not smoke. Vapors may ignite.** 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:** In case of skin contact, wash thoroughly with soap and water. If any product remains, gently rub petroleum jelly, vegetable or mineral/baby oil onto skin, then wash again with soap and water. Repeated applications may be needed. Remove contaminated clothing. For eye contact, flush **immediately** with large amounts of water for at least 15 minutes. **Obtain emergency medical treatment.** If swallowed, **obtain medical treatment immediately.** If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, **get medical help.** For emergency information, customer service, MSDS or additional safety and chronic hazard information, call 1-800-634-0015. **KEEP FROM FREEZING.**

### LN-950 TECHNICAL INFORMATION

**Base:** Polyurethane

**Type:** Moisture Cure

**Consistency:** Non-sag, thick mastic

**Color:** Tan

**Application Temperature:** 40–100° F  
(5–38° C)

**Service Temperature:** -40–300° F  
(-40–149° C)

**Adhesion:** Good to wood, concrete, marble,  
granite, brick, aluminum, rubber

**Sag (ASTM D 2202):** less than 0.15"

**Shear Strength:** 24 hours -> **175 psi**  
48 hours -> **250 psi**

**Skin Time:** (73°/50% Rel. Hum.) 35 minutes

**Tack-Free Time:** (73°/50% Rel. Hum.)  
60 minutes

**Minimum Cure Time:** (1/4" bead, 73°/50%  
Rel. Hum.) <12 hours

**Weight Per Gallon:** 14.8 pounds (1.77 kg/l)

**Specific Gravity:** 1.78

**Viscosity:** 200,000 CPS

**Volatiles:** 7%

**Solids:** 93%

**Flash Point:** 135°F (57°C)

**Hardness (Shore A Durometer):** >60

**Staining:** No staining on typical  
construction materials,  
including Marble and Granite

**Durability:** Excellent, will not embrittle,  
crack, or lose flexibility with  
exposure to heat

**Water Resistance:** Waterproof, Not  
recommended for water  
immersion applications

**Exterior Weathering:** Very Good; exposure  
to sunlight may result  
in darkening  
of adhesive

**Odor:** Mild Hydrocarbon odor during  
application. Odor dissipates  
within 4-6 hours

**Flammability:** Nonflammable when cured

**Coverage:** 30 lineal feet (10 lineal meters) for  
1/4" (6 mm) bead from  
10 oz (300 ml) cartridge

**Specifications:** Meets ASTM-D-3498  
& C-557

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

**VOC:** < 7% by wt. (115 g/L)

LN-950 3/15

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PPG Architectural Coatings  
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Cranberry Township, PA 16066

[www.liquidnails.com](http://www.liquidnails.com)  
1-800-634-0015

Made in the  
**USA**

# LIQUID NAILS® BRAND

# FUZE\*IT®

HYBRID TECHNOLOGY BONDS ALMOST EVERYTHING

## ALL SURFACE

### LN-2000

Interior/Exterior

***A new standard for super premium construction adhesives featuring hybrid technology that bonds nearly everything to everything. Offers instant grab and can be applied to dry and damp surfaces.***

#### PRODUCT DESCRIPTION

LIQUID NAILS® FUZE\*IT® All Surface construction adhesive, LN-2000, is formulated with a proprietary hybrid-polymer blend for best-in-class adhesion. It bonds everything to everything (except polyethylene and polypropylene) and it bonds in any weather condition. Hot, cold, wet or dry, FUZE\*IT All Surface offers a durable, flexible bond that is two times stronger than fasteners alone. Certified by UL Environment to meet the GREENGUARD GOLD Standard as a low emitting material.

#### RECOMMENDED FOR

Use on nearly all surfaces, porous or non-porous, wet or dry, including:

- Glass
- Metal
- Ceramic
- Granite
- Mirrors\*
- Wood
- Marble
- Rubber
- Laminate
- Tile
- Anything else except polyethylene and polypropylene

*\*Note: Use in conjunction with permanent mechanical fasteners when hanging mirrors*

#### NOT RECOMMENDED FOR

- Polyethylene
- Polypropylene
- Teflon, EPDM & TPO

#### PRODUCT ADVANTAGES

- Hybrid technology bonds almost everything
- Bonds in harsh weather conditions
- Bonds wet or dry surfaces
- Interior & exterior
- Two times stronger than fasteners alone
- Low VOC and very low odor – VOC compliant
- Comes with a detachable nozzle for easy cleaning for reuse
- Excellent water-resistance
- Exceeds ASTM C-557



HARSH  
WEATHER



2X  
STRONGER  
VS  
FASTENERS  
ALONE



INSTANT  
GRAB



INTERIOR  
EXTERIOR



LOW VOC  
LOW ODOR

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.







# FUZE\*IT<sup>®</sup>

**HYBRID TECHNOLOGY BONDS ALMOST EVERYTHING**

**LN-2000**

**Interior/Exterior**

**ALL SURFACE**

## APPLYING THE PRODUCT

Surfaces must be clean and free of loose particles. Can be used on damp or wet surfaces. For faster set time on dry surfaces, wipe surfaces lightly with a damp cloth prior to applying adhesive. For better adhesion, surfaces that are very smooth may be lightly sanded. Unscrew nozzle, cut tip of cartridge, replace nozzle and cut to required bead size. Insert into cartridge gun. Apply 1/4" (6 mm) wide bead of adhesive to one surface. Press surfaces together within 10 minutes. Clamp, tape, or brace parts together if necessary until adhesive has set, typically 4 to 6 hours for porous surfaces.

## CLEAN UP

Remove excess material with dry cloth when wet, scraping and mineral spirits when dry.

## 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! HARMFUL IF SWALLOWED. CAUSES EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION.** Trimethoxysilanes are capable of forming methanol if hydrolyzed or ingested. If swallowed, methanol may be harmful or fatal or cause blindness. 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, particulates, spray or mist 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 if irritation develops. If inhaled, remove to fresh air. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. Contains: limestone (1317-65-3); proprietary trade secret organic (not available); proprietary silyl terminated polyether (not available); proprietary amide wax (not available); n-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3). Keep out of the reach of children. For workplace use, an MSDS is available from your retailer or by calling (412) 492-5555. **EMERGENCY SPILL INFORMATION: (412) 434-4515 (U.S.).**

## LN-2000

### TECHNICAL INFORMATION

**Base:** Hybrid

**Color:** Gray

**Appearance:** Smooth paste

**Application Temperature:** 0°F to 140°F  
(-17°C to 60°C)

**Service Temperature:** -40°F to 300°F  
(-40°C to 149°C)

**Sag (ASTM D 2202):** <0.10"

**Shear Strength:** 24 hours—400psi (full strength)

**Gallon Weight:** 12.2 lbs. (5.53 kg)

**Viscosity:** 500,000 cps

**Open Time:** 20 minutes at room temperature

**Minimum Cure Time:** 24 hours at  
room temperature

**Freeze Thaw Stability:** No effect after 5 cycles

**Flammability:** Non-flammable

**Percent Volatile:** < 3%

**Coverage:** Using full round 1/4" (.64 cm) bead;  
28 oz. (858 ml) covers 88 lineal feet  
(27 lineal meters)

**Shelf Life:** One year from date of purchase

**Odor:** Slight

**Specifications:** Exceeds ASTM C-557

**VOC:** < 3% by weight. (< 50 g/L)



**GATOR BLOCK BOND XP**  
**LOW VOC POLYURETHANE ADHESIVE**

TDS Revision Date (dd/mm/yyyy): 31/05/2019



## TECHNICAL DATA SHEET

**Update:**

May 31, 2019

Make sure you have an updated data sheet on hand.

Canada and U.S. dial **1-855-847-7767** or (450) 624-1611

**Description:**

**GATOR BLOCK BOND XP LOW VOC POLYURETHANE ADHESIVE** is one of the strongest polyurethane adhesives on the market. It strongly adheres to concrete pavers, porcelain tiles, stones, retaining wall, masonry units & bricks. It is especially formulated for overlays, pool copings, steps & wall caps. **GATOR BLOCK BOND XP LOW VOC POLYURETHANE ADHESIVE** is designed to provide a permanent bond in 24 hours to the above materials if properly installed.

**Properties:**

PROPERTY	VALUE
Working or open time	Up to 1 hr
Flash point	250°F (121°C)
Shrinkage	None

**Features & Benefits:**

FEATURES	BENEFITS
Low VOC	Environmentally friendly
Low odor	Safe to use indoors or out; For indoors, good ventilation is needed.
Strong and versatile	Permanently bonds together almost anything
High solids	Provides excellent coverage
Non-shrinking	Does not crack or lose bond
High strength	Stronger than many substrates it joins together; up to 3 times the strength of conventional adhesives
Fast curing	Provides permanent bond after 24hrs
Long open time	Offers flexibility in repositioning up to 30 minutes; user friendly
Broad service temperature range	Suitable for use in hot and cold environments
Works above 32°F/0°C	

**For Use On:**

- Overlays & pool copings
- Steps & wall caps
- Fire pits (up to 400°F (204°C))
- Concrete pavers & bricks
- Dry & damp surfaces
- Permanent bond in 24 hrs
- Retaining Walls
- Stones
- Outdoor porcelain tiles

**Application instructions:**

METHOD of application of **GATOR BLOCK BOND XP LOW VOC POLYURETHANE ADHESIVE**

To ensure optimal adhesion, make sure that the concrete or stone surfaces are clean and free of any foreign matter. Drying times vary depending on factors such as humidity, porosity, temperature and materials bonded together.

1. Make sure that the surfaces you are bonding together are clean.
2. Cut the spout and puncture a hole in the cartridge with a nail.
3. Using a caulking gun, apply **GATOR BLOCK BOND XP LOW VOC POLYURETHANE ADHESIVE** on the clean surfaces.
4. Join the two surfaces firmly, use twisting motion.

**GATOR BLOCK BOND XP  
LOW VOC POLYURETHANE ADHESIVE**

TDS Revision Date (dd/mm/yyyy): 31/05/2019

- Please Note:** Material may be repositioned for up to 30 minutes without losing bond strength. Moisture will shorten the open time of polyurethane adhesives. Avoid use when raining or onto standing water.
- Curing time:** **GATOR BLOCK BOND XP LOW VOC POLYURETHANE ADHESIVE** forms a tenacious bond overnight. Cure time varies with temperature, humidity, and the porosity of the materials joined.
- Clean up:** Clean all tools and equipment immediately after use with mineral solvent or an equivalence. Cured material must be mechanically removed.
- Composition:** **GATOR BLOCK BOND XP LOW VOC POLYURETHANE ADHESIVE** is a high-content polyurethane elastomer that cures by reaction with atmospheric moisture.

Adhesive strength chart:	Concrete to concrete	24hr	7 days
		850 psi	1000 psi

**Specifications:** Exceeds ASTM D3498 and ASTM C557

**Coverage:**

GATOR XP POLYURETHANE ADHESIVE - XTRA PERFORMANCE COVERAGE FOR 1/4" BEAD (APPROX.)			
10 oz. / 296 ml		28 oz / 828 ml	
ft	m	ft	m
28-32	8.5-9.5	79-90	24-27

Packaging:	Product	Size	Cartridges per Box	Boxes per Pallet
	<b>GATOR BLOCK BOND XP LOW VOC POLYURETHANE ADHESIVE</b>	10 oz / 296 ml	12	90
	<b>GATOR BLOCK BOND XP LOW VOC POLYURETHANE ADHESIVE</b>	28 oz / 828 ml	12	60

**Storage:** Boxes / Pallets have to be stored inside. Store in a cool, dry area away from direct sunlight. The inside storage unit has to be heated during the winter. Storing at elevated temperatures will reduce shelf life.

**Shelf life:** 1 year when properly stored.

**For best performance:**

- Wear gloves during application of adhesive; once cured, material cannot be removed.
- Not intended for applications with continuous submersion.
- If adhesion to a substrate is questionable, a test application must be conducted.
- Make certain that the most current versions of product data sheet and MSDS are being used.
- Proper application is the responsibility of the user.

**Warning:** Contains hydrotreated middle petroleum distillate, methylene bisphenyl diisocyanate and polymethylene polyphenyl isocyanate.

INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

RISK PHRASES: May cause skin and eye irritation. Repeated or prolonged contact with skin may cause sensitization. Inhalation of vapors may cause irritation and intoxication with headaches, dizziness and nausea. Ingestion may cause irritation. Reports associate repeated or prolonged occupational overexposure to solvents with permanent brain, nervous system, liver and kidney damage. PRECAUTIONARY MEASURES: Keep container closed. Use only with adequate ventilation. Prevent contact with skin, eyes and clothing. Wash thoroughly after handling. Avoid breathing vapors. DO NOT take internally. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, state and local regulations. All label warnings must be observed until container is commercially cleaned or reconditioned. FIRST AID MEASURES: In case of eye contact, flush thoroughly with water for at least 15 minutes. SEEK IMMEDIATE MEDICAL ATTENTION. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION. Refer to Material Safety Data Sheet (MSDS) for further information.



KEEP OUT OF THE REACH OF CHILDREN. DANGER!

VAPOR MAY CAUSE ALLERGIC RESPIRATORY REACTION. OVER EXPOSURE MAY CAUSE LUNG DAMAGE. CAUSES SEVERE EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. CAUSES SKIN IRRITATION.

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