



# LUMBER LOCK<sup>®</sup> G

## SUBFLOOR ADHESIVE

**LUMBER LOCK G** is a solvent-free adhesive for use in wood-based subfloor systems. It meets the performance stringent requirements of ASTM D3498. With **GREENGUARD Children & Schools<sup>SM</sup>**, **LUMBER LOCK G** is proven low emitting for use in buildings, including sensitive environments like schools and hospitals. **LUMBER LOCK G** provides durable, weatherproof bonds, adhering to wet and frozen lumber, and helps keep job sites clean with its low-splattering properties.

### FEATURES:

- ◆ Low-Splattering Formula
- ◆ Reduces Wood Splintering & Cracking
- ◆ Remains Permanently Flexible
- ◆ Resists Impact & Deflection
- ◆ Adheres to Wet and Frozen Lumber
- ◆ Bridges Framing Irregularities
- ◆ Eliminates Squeaks & Bounce
- ◆ Reduces Mechanical Fastener Requirements
- ◆ Meets ASTM D3498
- ◆ Increases Strength of Structural Floor Systems
- ◆ Eliminates Conventional Two-Layer Floor Systems
- ◆ Meets American Plywood Association AFG-01
- ◆ Superior Aging



### SUSTAINABILITY GUIDE

**GREENGUARD<sup>®</sup> Children & Schools Certified**

**GREENGUARD<sup>®</sup> Indoor Air Quality Certified**

**Contributes to LEED<sup>®</sup> and other Green building rating systems:**

- LEED-NC and LEED-CI EQ Credit 4
- LEED for Schools EQ Credits 4
- LEED Core & Shell EQ Credit 4.1
- LEED-EB MR Credit 3
- CHPS<sup>®</sup> (Collaborative for High Performance Schools) EQ Credit 2.2
- Green Guide for Health Care EQ Credit 4.1
- NAHB Model Green Home Bldg Guidelines – Sect 7, Global Impact 7.1.3

### REGULATORY COMPLIANCE

- SCAQMD (South Coast Air Quality Management District), Rule 1168
- California Air District Regulations
- Ozone Transport Commission (OTC) model Rule for Adhesives and Sealants

### DIRECTIONS:

Use only after careful consideration of the warnings, directions, and first aid instructions given. Do not thin. Precut lumber to size and prepare all other installation materials to speed installation once the adhesive has been applied. For best results, remove free standing ice, snow, water, mud, sawdust and other foreign material which will impair adhesion. **Must have at least one porous substrate.**

For subfloor systems, follow all applicable adhesive installation instructions of the American Plywood Association.

**ITW TACC**

56 Air Station Industrial Park  
Rockland, MA 02370

Phone 1-800-503-6991 Fax 1-800-231-8222  
[info@itwtacc.com](mailto:info@itwtacc.com) [www.itwtacc.com](http://www.itwtacc.com)

# LUMBER LOCK<sup>®</sup> G

## SUBFLOOR ADHESIVE

Use application method outlined in label instructions; applying a continuous 3/8" bead to all joists. Where panel ends butt on joist, apply separate beads of adhesive under each panel. Panels should be spaced 1/8" at ends and edges to allow for expansion. Bonds should be made within 30 minutes of LUMBER LOCK G application. Do not allow bead to dry out excessively prior to bonding. Position and press surfaces firmly together with a slight twisting motion. Nail where required for additional strength. Allow 48-72 hours before permitting heavy traffic. Maximum bond strength is achieved within 28 days.

**Clean-up:** For wet adhesive, use soap and water. For dried adhesive, use mineral spirits exercising safe practices.

**Recommendations:** Prior to use, store adhesive at room temperature in well-ventilated area. Do not apply adhesive below 45°F. **Keep from freezing.**

### PHYSICAL PROPERTIES:

BASE:	Synthetic Polymer	WEIGHT/GALLON:	10.93 lbs/gallon
SOLVENT:	Water	VOC CONTENT:	44.3 g/l (EPA Method 24)
SHELF LIFE:	1 year from date of manufacture	VISCOSITY:	400,000-437,500 cps
SOLIDS:	64.0 +/- 2.0%	OPEN TIME:	30 minutes
FLASHPOINT:	N/A	DRY TIME:	48-72 hours
COLORS:	White	COVERAGE:	38 linear feet using 3/8" bead
FORMALDEHYDE:	No urea formaldehyde added during adhesive manufacturing		

### USES

- Decks & Docks
- Polystyrene
- Porches & Patios
- Concrete & Stone
- Wind Seal
- Batten Strips
- Subfloors & Tongue & Groove Floors
- Plywood Underlayment to Wood Joists
- Wallboard Laminations
- Pre-Finished Panelin
- Polyurethane rigid foam board
- Treated and untreated Lumber
- Fences & Ramps
- Sheet & Lap Siding to Wood Studs
- Stairs, Stair Treads & Risers
- Stringers
- Gypsum Board

**STORAGE/HANDLING:** If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. Keep from freezing.

### FOR PROFESSIONAL AND INDUSTRIAL USE ONLY KEEP OUT OF REACH OF CHILDREN

**NOTICE TO PURCHASER:** NO WARRANTIES, EXPRESS OR IMPLIED, ARE MADE INCLUDING MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE. EXCEPT FOR PERSONAL INJURY RESULTING FROM USE OF THE PRODUCT AS DIRECTED, ITW TACC SHALL NOT BE LIABLE IN TORT OR CONTRACT FOR ANY LOSS OR DAMAGE. UNDER NO CIRCUMSTANCES SHALL ITW TACC, A DIVISION OF ILLINOIS TOOL WORKS INC., OR ITS AFFILIATES ("ITW TACC") BE LIABLE FOR ANY LOSS OR DAMAGE ARISING FROM THE PURCHASE, USE, OR INABILITY TO USE THIS PRODUCT, OR FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. THE USER MAY SEND A SAMPLE OF PRODUCT TO ITW TACC FOR TESTING. IF SUCH TESTING PROVES A PRODUCT DEFECTIVE, THE USER'S SOLE AND EXCLUSIVE REMEDY IS EITHER REIMBURSEMENT OF THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE CONTAINER OF PRODUCT. NO FABRICATOR, INSTALLER, DEALER, AGENT OR EMPLOYEE OF ITW TACC HAS THE AUTHORITY TO MODIFY THE OBLIGATIONS OR LIMITATIONS OF THIS WARRANTY. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state; therefore, some of the limitations stated above may not apply to you. It is to your benefit to save your documentation upon purchase of a product. The information and suggestions for use contained herein are believed to be accurate, but are not to be construed as warranties. User shall determine the suitability of the product for his or her intended use and shall assume all risk associated therewith.

Please direct all inquiries regarding performance of this product to:

ITW TACC  
56 Air Station Industrial Park  
Rockland, MA 02370  
Phone 1-800-503-6991 Fax 1-800-231-8222  
[info@itwtacc.com](mailto:info@itwtacc.com) [www.itwtacc.com](http://www.itwtacc.com)

Rev 9/10