

LOCTITE®

PL PRO LINE®

PREMIUM®

CONSTRUCTION ADHESIVE



IDEAL FOR ALL SUBFLOOR APPLICATIONS

LOCTITE® PL PREMIUM® CONSTRUCTION ADHESIVE

A one-part, polyurethane-based, moisture-curing adhesive that provides superior results and lasts as long as the surface it joins together. It can be used for interior or exterior projects & is 3X stronger than ordinary construction adhesives. It's weatherproof, has no special storage requirements, it's compatible with all building materials and it sets up and cures fast, giving you a bond that lasts.

SUBFLOOR APPLICATIONS

- Prevents floor squeeks (Does not shrink, Fills gaps)
- Thicker formula reduces splatter when laying boards
- Performs great in wet conditions (No peel on wet substrates)
- Fast 24 hour cure

TECHNICAL DATA:

BASE: Polyurethane
COLOR: Light tan
OPEN TIME: Up to 30 minutes, depending on temperature & humidity

PL Premium Advantages:

- Meets & exceeds APA AFG-01, ASTM C557 & ASTM D-3498 requirements
- Provides 2X the coverage and 3X the strength of ordinary construction adhesives
- Bonds well to wet, frozen and treated lumber
- Compatible with most building materials
- Use in interior and exterior applications
- Forms permanent overnight bond
- VOC compliant, use in all 50 states
- Non-flammable, non-combustible
- GREENGUARD Certified

PL FAST GRAB™ PRO LINE PREMIUM®

All the great attributes of PL Premium® PLUS:

- 8x the strength of conventional adhesives
- Requires less bracing than PL Premium®
- Repositionable for 30 minutes





**TRUSTED PERFORMANCE.
PROVEN RESULTS.™**



PREMIUM®
CONSTRUCTION ADHESIVE

3X STRONGER THAN ORDINARY ADHESIVES

SURFACE PREPARATION:

PL® Premium is compatible with most building materials. To ensure positive adhesion, make sure all the surfaces to be joined together are clean and free of dirt and foreign material.

DIRECTIONS:

Must wear gloves during application. May stain skin. Place cartridge in caulking gun and puncture seal inside spout. PL® Premium will bridge gaps up to 3/8". Use mechanical fasteners to hold the surfaces in place until the adhesive fully cures. Drying time may vary depending on humidity and porosity of the materials to be bonded. Minimum of 24 hours for full cure. Bond may be repositioned up to 45 minutes. For best performance, use above 40°F (4°C) on clean, dry surfaces.

AMERICAN PLYWOOD ASSOCIATION AFG-01 TEST RESULTS

APA AFG-01	Shear Strength		Compliance Status
	Average (pounds)*	Minimum Requirements (pounds)*	
Test A (Wet Lumber) On Douglas Fir On Southren Pine	785 593	225 225	Passed
Test B (Frozen Lumber) On Douglas Fir On Southren Pine	837 762	150 150	Passed
Test C (Dry Lumber) On Douglas Fir	890	225	Passed
Moisture Resistance On Douglas Fir (No delamination)	911	225	Passed
Oxidation Resistance	Pass	100% - No sign of fracture when bent	Passed

*Bond area = 1.5in²

TYPICAL PROPERTIES

	PL PREMIUM ADHESIVE	SOLVENT-BASED ADHESIVES	WATER-BASED ADHESIVES
Exceeds VOC compliance regulations	Yes	Some	Yes
Exceeds all treated, sub-floor specs and building codes	Yes	Some	Some
Compatible with most building materials	Yes	No	No
Special storage	No	No	Yes
Workability below freezing	Good	Fair	Not Possible
Permanent overnight bond	Yes	No	No
Flammability	250° F flash point	Flammable	None
High heat resistance (cured)	Excellent	Fair	Fair
Vapor Toxicity	Low	Needs Cross-ventilation	Minimal
Repositioning up to 30 minutes	Yes	No	No
Shrinkage	0%	35% - 40%	35% - 40%
Chemical resistance	Excellent	Fair	Fair
Patented	Yes	No	No

SUBFLOOR ADHESIVE TECHNOLOGIES



LATEX



SOLVENT



SILICONE



POLYURETHANE

