

LP® STRUCTURAL SOLUTIONS PREMIUM SUB-FLOOR ADHESIVE FREQUENTLY ASKED QUESTIONS

1. At what temperatures can LP® Structural Solutions Premium Sub-Floor Adhesive be installed?

LP Structural Solutions Premium Sub-Floor Adhesive has an installation temperature range of 40° F – 95° F.

2. How many panels can I install with one can?

One can of adhesive will yield approximately 500 linear feet at 1/2" bead width. For ordering purposes, a good rule of thumb is to reduce the yield by 5–10% to accommodate for framing irregularities.

JOIST SPACING	# OF JOISTS PER PANEL	LINEAR FEET OF ADHESIVE PER PANEL	APPROXIMATE # OF PANELS PER INDIVIDUAL CAN	APPROXIMATE # OF PANELS PER INDIVIDUAL CAN LESS 10%
16" oc	7	28 ft.	14	13
19.2" oc	6	24 ft.	16.5	15
24" oc	5	20 ft.	20	18

3. What is the shelf life of LP® Structural Solutions Premium Sub-Floor Adhesive?

18 months.

4. What is the shelf life of LP® Structural Solutions Foam Polyurethane Cleaner?

24 months.

5. If I don't finish an entire can, can I use the rest later?

Yes. For reuse, keep the can connected to the gun for up to 30 days. You can also remove the can from the gun: depress the trigger and discharge glue into the garbage while unscrewing. Thoroughly clean out the gun and the can attachment with the cleaner. To reuse the partial can, shake it at least 20 times prior to reattaching it to the gun.

6. What type of adhesive is it? (Poly, solvent, etc.)

It is a 100% polyurethane resin adhesive that contains no fillers or solvents.

7. Does it contain VOCs?

The VOC content of LP Structural Solutions Premium Sub-Floor Adhesive is 190.1 g/L (26% wt.).

8. Is LP® Structural Solutions Premium Sub-Floor Adhesive compliant with the applicable VOC regulations?

Yes. The California Air Resources Board (CARB) has evaluated sub-floor adhesives and determined that they fall within the same category as web spray adhesives. LP Structural Solutions Premium Sub-Floor Adhesive is below the 40% VOC limit for web spray adhesives as identified in the Table of Standards, section 94509(a) of the Consumer Products Regulation.

9. Will LP® Structural Solutions Premium Sub-Floor Adhesive bond to floor joists that are wet or frozen?

Yes. It can be installed on wet or frozen lumber.

10. Once I apply the adhesive, how long do I have to install the sub-floor?

Install the sub-floor within 20 minutes.

11. How long does it take to fully cure?

Initial cure takes four hours, and it reaches full cure in 24 hours.



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12. Can the applicator gun be cleaned out and reused?

Yes, when cleaned with polyurethane foam adhesive cleaner. See the technical data sheet for more information on how to clean the adhesive gun.

13. Do I need to clean the gun every time I change cans?

No. The inside of the gun only needs to be cleaned out with LP® Structural Solutions Foam Polyurethane Cleaner when you remove an adhesive can with no intention of immediately attaching a new full can. It is considered a good rule of thumb to fully clean the gun after each build or after about six cans of use.

14. Will the cleaner harm my skin if it touches me?

No. The cleaner can be used to remove wet adhesive from skin, but do wash hands with soap and water afterwards.

15. What safety equipment should be used when applying the adhesive?

Eye protection and gloves should be worn during application.

16. What is the maximum storage temperature? Is it okay to keep a can of LP® Structural Solutions Premium Sub-Floor Adhesive inside the cab of a vehicle on a hot day?

Do not expose to temperatures greater than 122° F. Do not store inside a vehicle on a hot day.

17. Does it stick to all wood structural panels?

Yes. It bonds aggressively to wood, OSB, plywood and many other substrates.

18. What should I do if the gun gets clogged?

Ensure flow control valve is open. Remove any cured residual adhesive from gun tip. Safely remove the adhesive can and clean gun in accordance with published installation instructions. If none of the above rectify the problem, the gun may have cured adhesive on the inside and needs to be replaced.

19. Can I come back later and install fasteners in the field of the panel after I complete overall floor panel installation?

All sub-floor fasteners should be fully installed within 20 minutes of adhesive being applied to joists.

20. When will LP® Structural Solutions Premium Sub-Floor Adhesive start to skin over? Does the adhesive skin faster or slower in the summer or winter?

It has approximately 20 minutes of open time to fully install the sub-floor panels. Some variations may occur due to environmental conditions, but 20 minutes is a safe window.

21. How many cans of adhesive gun cleaner do I need?

The amount of cleaner needed will vary based on usage and project size. A good rule of thumb is to have one can of cleaner for every six cans of adhesive.



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⚠ CAUTION: KEEP OUT OF REACH OF CHILDREN. For professional use only. KEEP AWAY FROM HEAT (>50 °C/122 °F), SPARKS AND OPEN FLAME. DO NOT PUNCTURE OR INCINERATE CAN. DO NOT EXPOSE TO DIRECT SUNLIGHT. USE ONLY IN WELL VENTILATED AREAS. In case of eye contact, flush eye with water for 15 minutes and get immediate medical attention. For inhalation, move to fresh air. For skin contact, wash thoroughly with water and soap. If swallowed, drink large quantities of water, but do not induce vomiting. Call a physician immediately. Refer to SDS for further information.