



INSTALLATION ADVANTAGES

Built to go down fast.

Every Lexar board comes ready for the slab. Here is what that saves your crew on install day.

3×

COVERAGE OF A 4'×8'

96 sq. ft.

PER UNFOLDED RUN

24 ft

BETWEEN BUTT JOINTS

6"

PRINTED GRID

WHY CREWS LIKE IT

Less work from the truck to the pour.



4'×24' fan-folded sheets

3× the coverage of a 4'×8' sheet.

- Each sheet arrives folded into a 4'×4' cube that is easy to ship, store and move on site.
- Unfold it on grade and walk it out to 24 feet. One run covers 96 sq. ft.
- You tape the ends every 24 feet, not every 8. That is two-thirds fewer butt joints.



Vapor barrier built in

One product does the job of two.

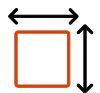
- Poly film is laminated to both faces of the board at the factory.
- You skip buying, rolling out and taping a separate barrier, and there are no gaps from a loose sheet.



Termite-treated board

Treated at the factory.

- Preventol® termiticide in every board helps deter termites from damaging the R-value.
- You do not apply it on site.



6-inch grid printed on

Your layout is done before you start.

- Run PEX tubing straight along the lines, with no chalk lines or string.
- Measure plumbing cuts and space rebar and mesh off the grid.

100% virgin EPS

No recycled material in the board.

Stated density

Each board is made to its stated density.

Ships in cubes

Cubes are easy to ship, store and move on site.

Questions on the job? Call **217-238-3030** or email sales@lexarinsulation.com.





INSTALLATION GUIDE

How to install Lexar under a slab.

A step-by-step guide for crews and DIY builders. Read it once before the cubes come off the truck.

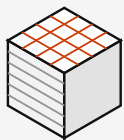
WHAT YOU NEED

- Lexar fan-fold cubes in the psi your load needs
- Utility knife or fine-tooth saw
- Tape measure
- Wide weather-barrier tape
- Staple gun and PEX staples (radiant floors only)
- Plank or walk boards for wheelbarrows

PICK YOUR PSI

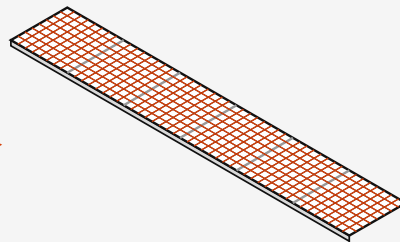
15 psi	Most residential slabs and light commercial floors.
25 and 40 psi	Heavier point loads, such as commercial garage slabs.
60 psi	Very heavy loads, such as cold storage and industrial floors.

Not sure? Your dealer or the project engineer can spec the right board for the load.



4' x 4' cube

Easy to ship, store and move on site.



Unfolds to 4' x 24'

One run covers 96 sq. ft.

LAY THE BOARD

1

Prepare the base

Grade and compact the subgrade. Add the gravel layer and compact it. The base must be flat and firm, with no sharp stones that point up.

2

Set the first cube

Put the cube at a starting edge, against the form or the wall. Turn it so that the printed grid faces up.

3

Unfold the run

Walk the sheet out to its full 24 feet. Keep the folds flat on the base.

Installation guide, continued



FINISH THE LAYOUT

4 Lay the next run

Put the next sheet tight against the long edge of the first. Push the edges together so that there is no gap. Where a run ends, butt the next sheet tight against it.

5 Cut to fit

Cut the board with a utility knife or saw. Use the grid lines to measure and mark cuts around plumbing and other penetrations.

6 Tape the seams

Tape the long seams and the butt ends. Tape around each penetration. This keeps the vapor barrier continuous across the slab.

BEFORE THE POUR

7 Lay the PEX (radiant floors)

Follow the 6-inch grid to set your loop spacing. Staple the tubing into the board as you go. Pressure test the loops before the pour.

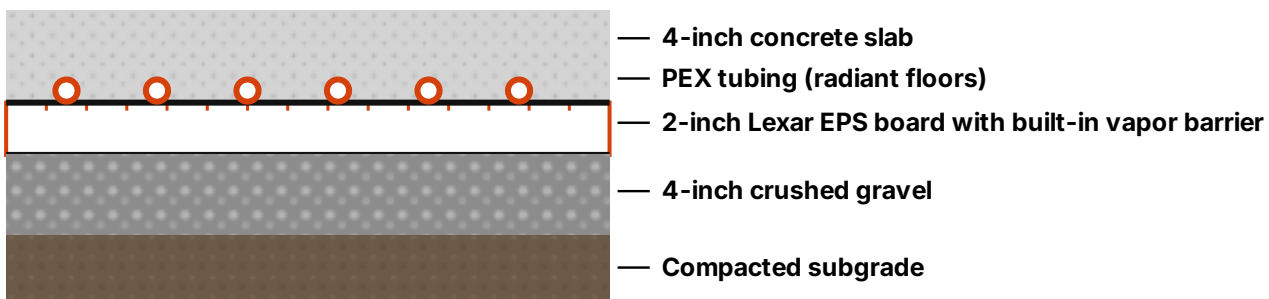
8 Set the rebar or mesh

Use the grid lines to space bars and mesh. Keep sharp ends off the board face.

9 Protect the board and pour

Put down planks for wheelbarrows and heavy traffic. Repair any tears in the film with tape before the concrete goes on.

TYPICAL UNDER-SLAB ASSEMBLY



STORAGE AND HANDLING

- Cubes ship and store 4'×4' and stack 8 feet tall.
- Keep each cube banded until you set it on the base.

ON A WINDY DAY

- Unfold one run at a time.
- Weigh down each run as soon as it is flat.
- Tape seams before you leave the pad.