



AN ORIGINAL YOU CAN MAKE YOUR OWN

The Soft Landing Blanket Ladder

A simple place for a few folded throws. Three flat rungs and slim matching side boards make a light accent beside a sofa or in a quiet corner.



29 in W / 60 in stiles / approx. 59 in installed H

Three common 1x3 x 8 ft boards.

Two 60 in stiles, three 24 in rungs and a shallow foot bevel.

Project visualization. Build to the [dimensioned drawings](#) and [cut list](#).

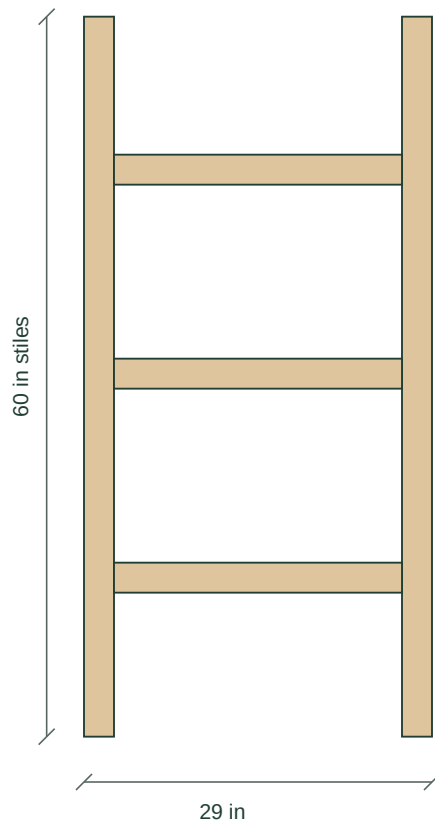


01 / DIMENSIONS

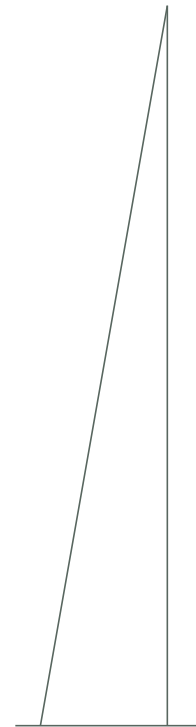
Simple parts. A different purpose.

Use the dimensions below to plan the build and its final position. Drawings are references; do not scale the page to mark cuts.

FRONT / SHOWN FLAT



10 degrees



SIDE / INSTALLED

Size

29 in outside width; 60 in stiles. Leaning 10 degrees from vertical gives approximately 59 in installed height and about 11 in overall projection.

Rung layout

R lower edges at 12, 29 and 46 in from the foot reference, measured along the stiles.

Installation

Feet bevelled to sit flat at that angle. Non-slip pads and a wall restraint are required.

Plan note: dimensions and stock layouts checked digitally; not physically built or load-tested. No weight capacity is specified.



02 / SHOPPING AND PARTS

Buy the stock. Label every part.

Common indoor pine or whitewood is suitable; no special species is required. Store sizes are nominal. Measure actual thickness and width before setting up the saw and joinery.

BUY	QUANTITY / NOTES
1x3 x 8 ft	3 boards; actual 3/4 x 2-1/2 in. Two boards supply stiles and one supplies all rungs.
Pocket screws	12 x #8 x 1-1/4 in coarse-thread pocket screws for softwood, plus spares.
Required installation	Non-slip foot pads and a furniture restraint compatible with the stiles and actual wall structure.
Other supplies	Interior glue, sandpaper, finish and discreet wall-protection pads.

CUT LIST					FINISHED SIZES / INCHES	
ID	PART	QTY	STOCK	LENGTH	WIDTH	THICKNESS
S	Stiles / long point	2	1x3	60	2-1/2	3/4
R	Flat rungs	3	1x3	24	2-1/2	3/4

Stock is the store label; **length, width and thickness** are the finished part sizes. Quantities are individual pieces. Allow for saw kerf and square the ends before measuring.

Tools

Tape, square, pencil, supported crosscut saw, drill/driver, clamps, sander, and suitable eye/hearing/dust protection. Pocket-hole jig and bits, a saw capable of a controlled 10-degree bevel, and an angle gauge. Clamp narrow stock securely; never freehand the foot cuts.



03 / CUT AND PREPARE

A clear layout before the first cut.

Each strip is a stock board. Labels show part ID and length in inches. Allow a 1/8 in kerf; square an end first and measure every cut from its new end.

1x3 x 96 in



1x3 x 96 in



1x3 x 96 in



1

Cut stiles (S) and rungs (R)

Square-cut three R pieces to 24 in. Cut S from separate boards, allowing each to finish 60 in to the LONG point of the bevelled foot. Top ends remain square. Mark front and rear faces so both foot bevels share the same orientation.

2

Bevel the feet of both stiles (S)

The foot needs a 10-degree BEVEL through the 3/4 in thickness, not a 10-degree mitre across the 2-1/2 in face. Use an angle gauge and a matching scrap test first. With S leaning 10 degrees from vertical, the cut must sit flat on the floor. Mirror the finished lengths; do not create left/right bevels that oppose one another.

3

Mark rung (R) locations on stiles (S)

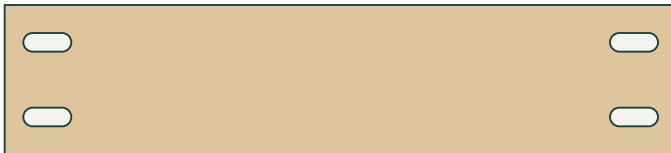
On the marked FRONT face, measure from the long foot point along S and mark R lower edges at 12, 29 and 46 in. Extend square lines across both stiles and mark the 2-1/2 in rung height above each line. Check the 24 in space between S and the 29 in outside width.



04 / JOINERY

Choose the fixing. Check the fit.

The enlarged sketch shows the relevant joint or hole locations. Use the labelled parts and actual stock thickness; test the fixing on matching scrap before assembly.

R / REAR FACE

S foot bevel: 10 degrees through thickness.
R ends: square; two pockets per end.

4

Drill the rear faces of rungs (R)

Use #8 x 1-1/4 in coarse-thread pocket screws for the specified softwood, with a head approved for the jig. Set jig and stop collar for the actual 3/4 in stock. Test on matching offcuts, clamp square and drive at low clutch torque; check for splitting, stripping and projecting tips. Drill two pockets at each R end on its rear face, centred 5/8 and 1-7/8 in from the rung lower edge. Keep front faces of R and S flush during assembly. No pocket holes are needed in S.

5

Join rungs (R) to the first stile (S)

Place the front faces down on a flat bench so the front surfaces finish flush. Use the marks to align each R, glue its end, clamp at a right angle and drive two screws into the first S. Support all rungs and do not let them hang from a single joint.

[Pocket-screw selector](#)



05 / ASSEMBLE AND FINISH

Keep it square. Finish it simply.

Support the work while turning or clamping it. Keep parts on their marked reference faces, and follow glue and finish curing directions before installation or use.

6

Fit the second stile (S)

Glue the free R ends, position the second S to its matching lines, clamp and fasten the other six screws. Check both stiles are parallel and the frame diagonals match. Keep the 24 in gaps consistent; allow the glue to cure with the assembly supported square.

7

Sand and finish stiles (S) and rungs (R)

Ease exposed edges lightly by hand, leaving joining faces square. Sand with 120 then 180 grit as appropriate and remove dust. Test the finish on an offcut. Follow its preparation, ventilation, application and full cure directions. Remove every snag from the rungs and ease their long edges gently so blankets are not caught. Fit non-slip pads across the bevelled foot contact surfaces after the finish cures.

8

Set the lean angle and restrain stiles (S)

Place on a level floor, leaning about 10 degrees from vertical. Confirm both feet lie flat and their pads grip. Fit discreet wall-protection pads, then secure the upper stile structure to suitable wall structure with the furniture restraint, following its maker's directions. Do not rely on friction or fix only to a rung.

Detail to keep in mind

The three R pieces remain square-cut. Only the S feet receive the shallow bevel. Measure rung locations along the stiles on the same reference face, not vertically from the floor after leaning. The installed height is approximate and changes with the actual lean angle.



Ready for its place in the room.

Check the completed project and its fixings before putting it into everyday use. Correct any loose, split or sharp part before loading.

9**Inspect rungs (R), stiles (S) and restraint**

Check all joints, foot contacts and wall restraint before adding a few lightweight throws. Keep the floor space clear. Correct rocking, sliding, splits, loose screws or snagging surfaces before use. Never present or use this decorative rack as a climbing ladder.

Use and care

Decorative blanket storage only: do not climb, hang from, sit on or use as a towel grab rail. Keep children from treating it as a ladder. Recheck the wall restraint, foot pads and joints, especially after moving the piece.

Part reminder

S - Stiles / long point / **R** - Flat rungs

Questions? service@grainbench.com