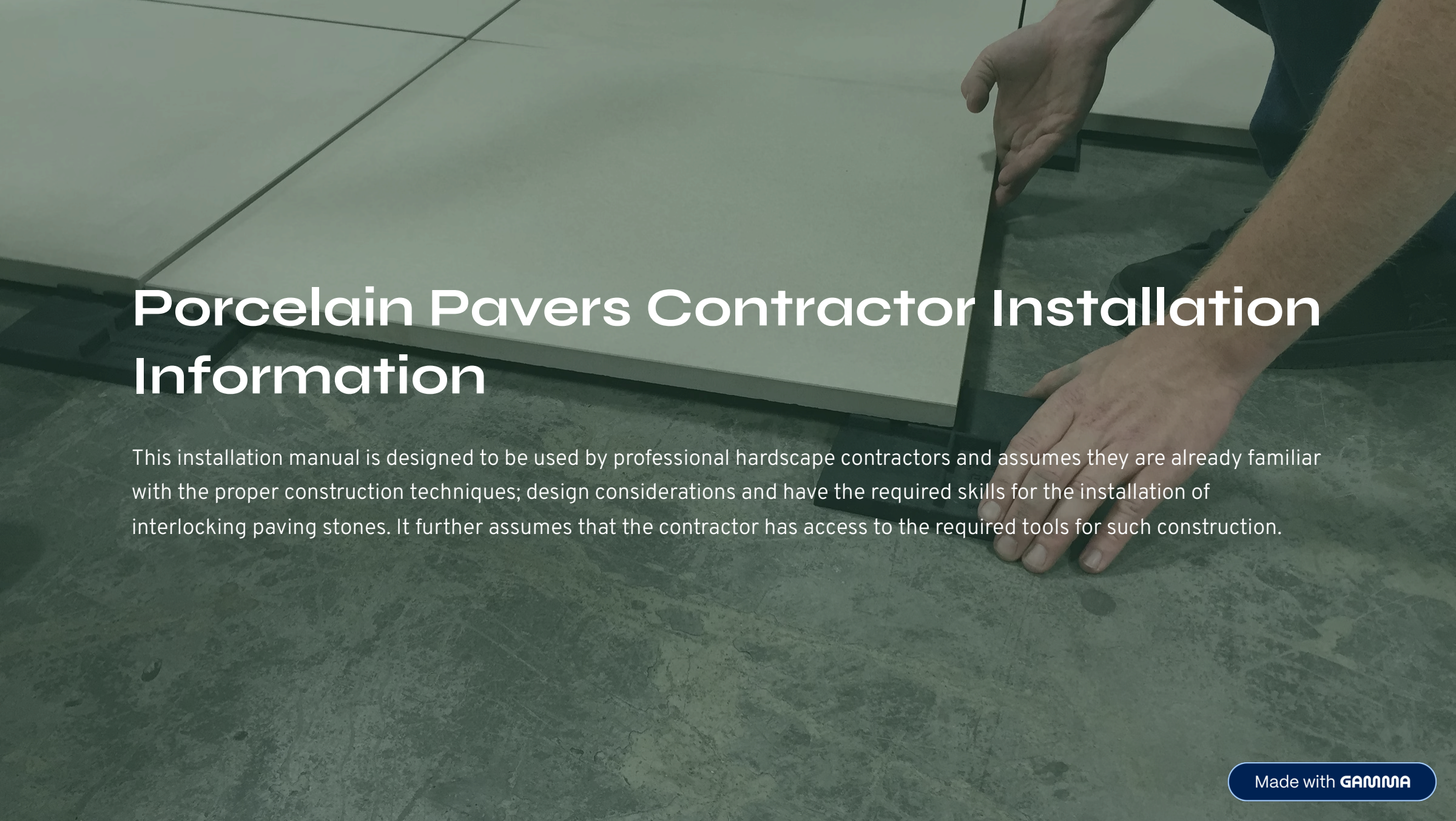
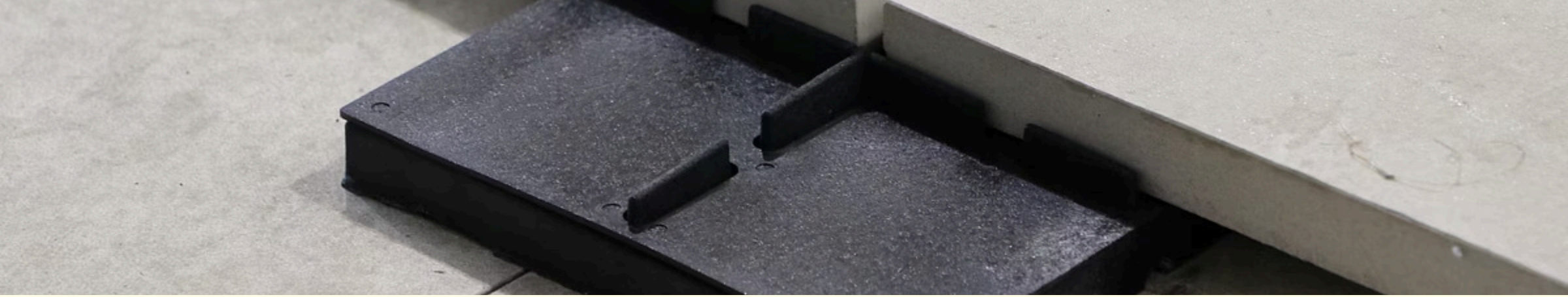


Porcelain Pavers Contractor Installation Information

This installation manual is designed to be used by professional hardscape contractors and assumes they are already familiar with the proper construction techniques; design considerations and have the required skills for the installation of interlocking paving stones. It further assumes that the contractor has access to the required tools for such construction.



Installation Information Overview

Each of the following option details will include specific information relative to the selected installation. Base thicknesses vary between different geographical and climatic locations and the contractor will be installing typical base thicknesses for paving installations in their location.

IMPORTANT: Installing porcelain pavers requires the bedding course sand to be pre-compacted and then struck off with a screed to the required thickness as shown in the detail drawings. The porcelain pavers are not compacted and therefore the sand layer beneath them requires pre-compaction. Do not compact dry sand, but insure the sand has a 5 to 6% moisture content so that it will compact cohesively and allow for a smooth strike off finish.

Critical Installation Requirements

INSTALLATION INFORMATION THAT MUST BE FOLLOWED:

Never Compact Porcelain Pavers

NEVER compact porcelain pavers with a plate compactor.

Pre-Compact Sand Course

ALWAYS pre-compact and strike off your sand leveling course before installing your porcelain pavers in sand set installations.

Wet Cut Only

Porcelain pavers should only be wet cut with a tile saw equipped with a wet cut porcelain blade.

Required Spacing

NEVER install porcelain pavers without the required spacing between them. The porcelain pavers should never be installed with a porcelain to porcelain contact.

Spacer Requirements

For a 100 sf. project, approximately 34 spacers are needed; this allows for overages if needed on a flat install.

Reinforced Backing

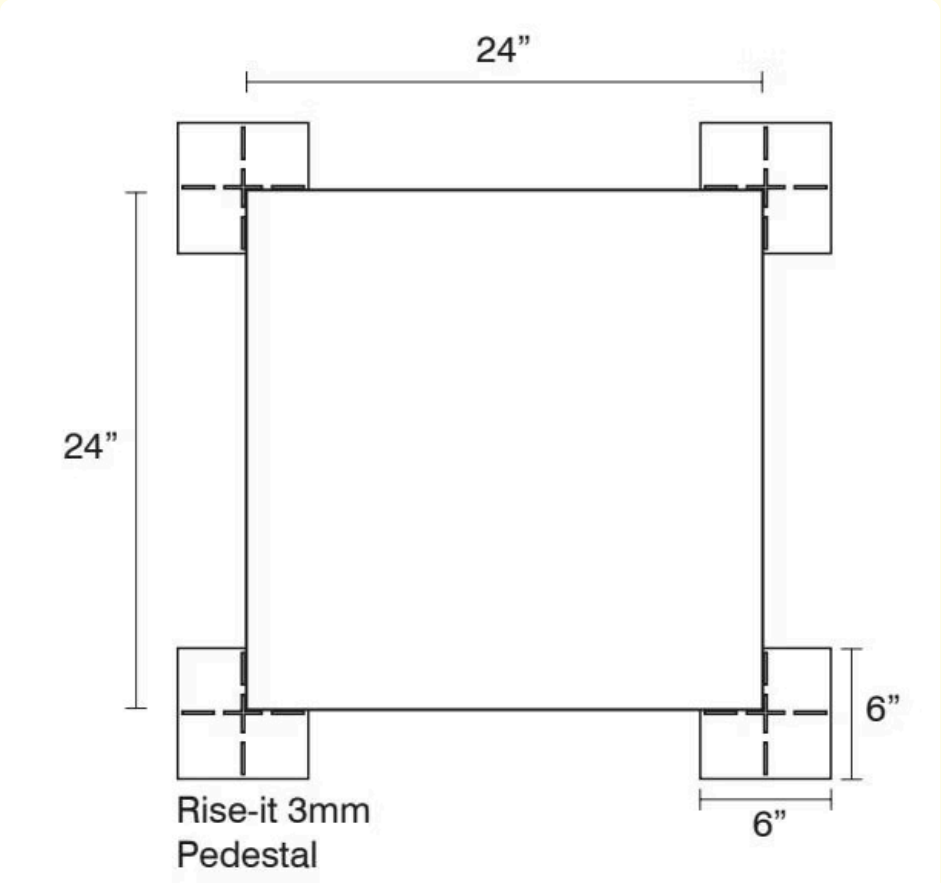
Use a reinforced backing for any installation over 1 1/2 inch tall.

Paver Pedestal Product Line

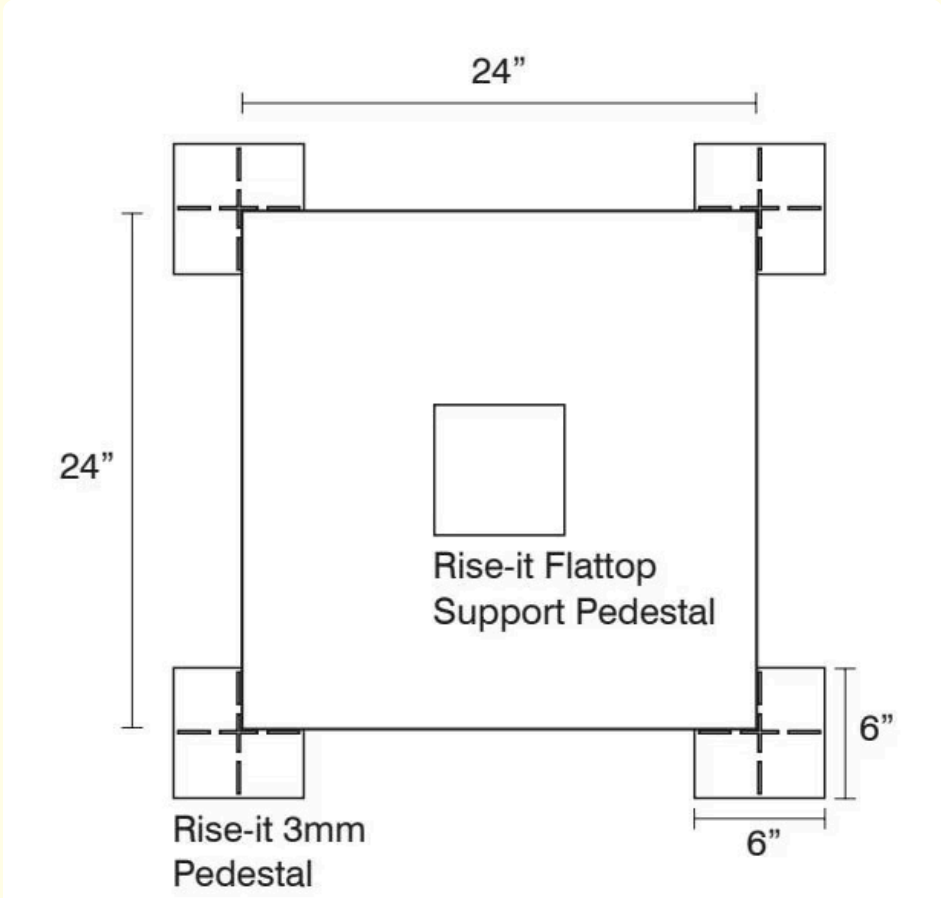
Description	Dimensions	Height
Rise-it Pedestal - 1/2"	6" x 6" x 1/16"	1/2"
Rise-it Paver - SHM 1/16"	2.614" x 6"	-
Rise-it Pedestal - 1/8"	6" x 6"	1/8"
Rise-it Pedestal - Flat Top	6" x 6"	1/2"

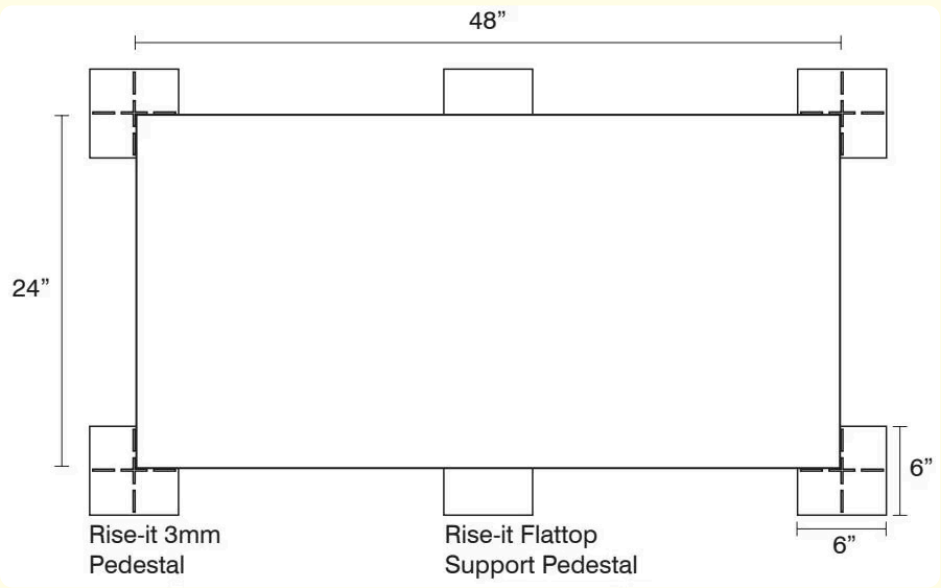
Installation Options A & B

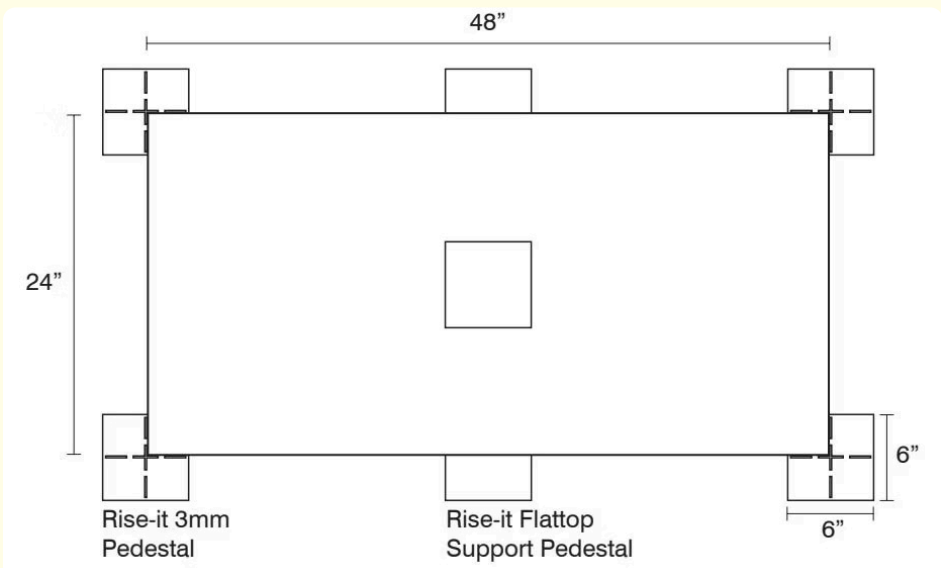
OPTION A

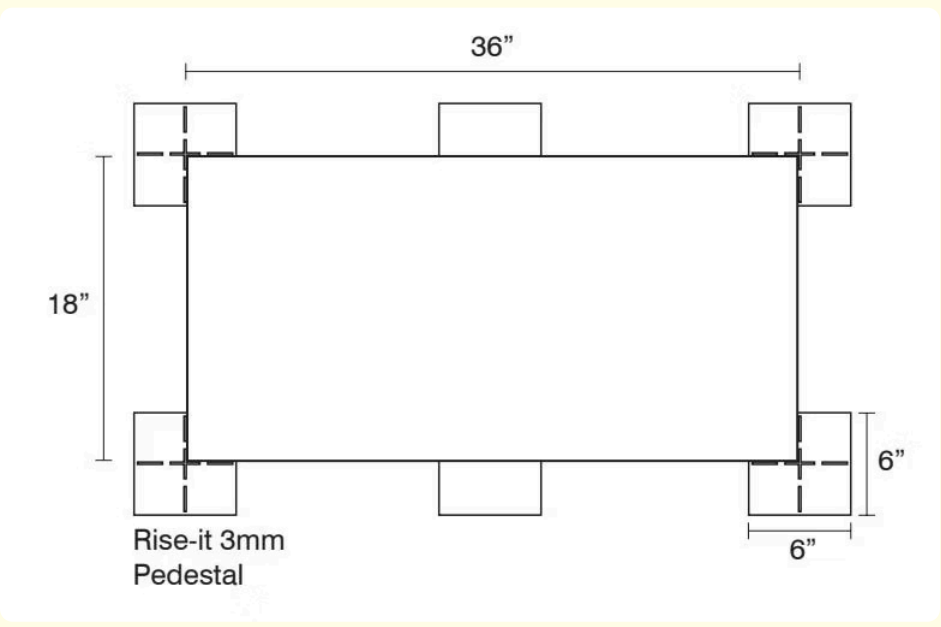


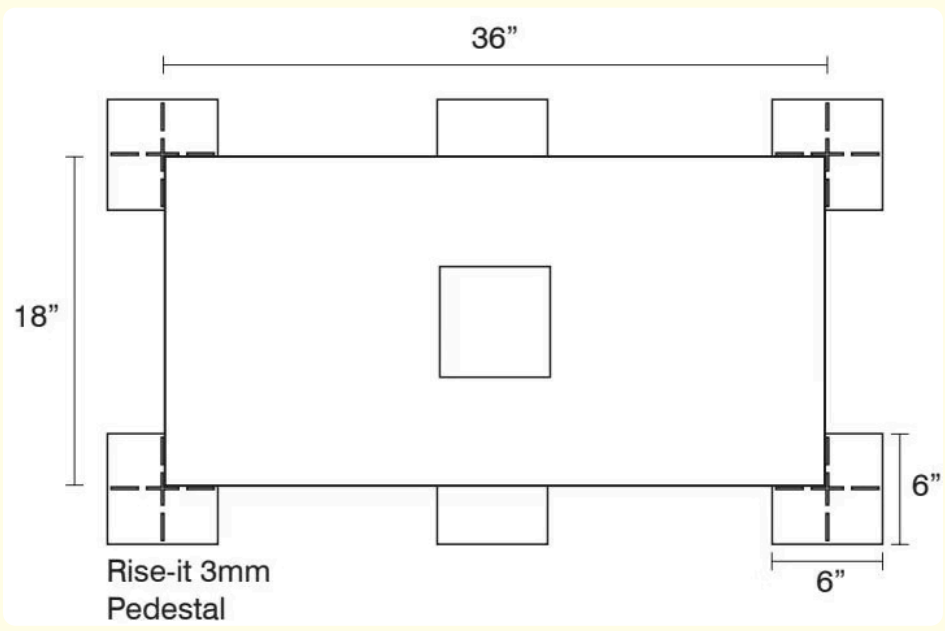
OPTION B











CAN 1.800.667.0999

Maximum Load Rating Specifications

10,000+

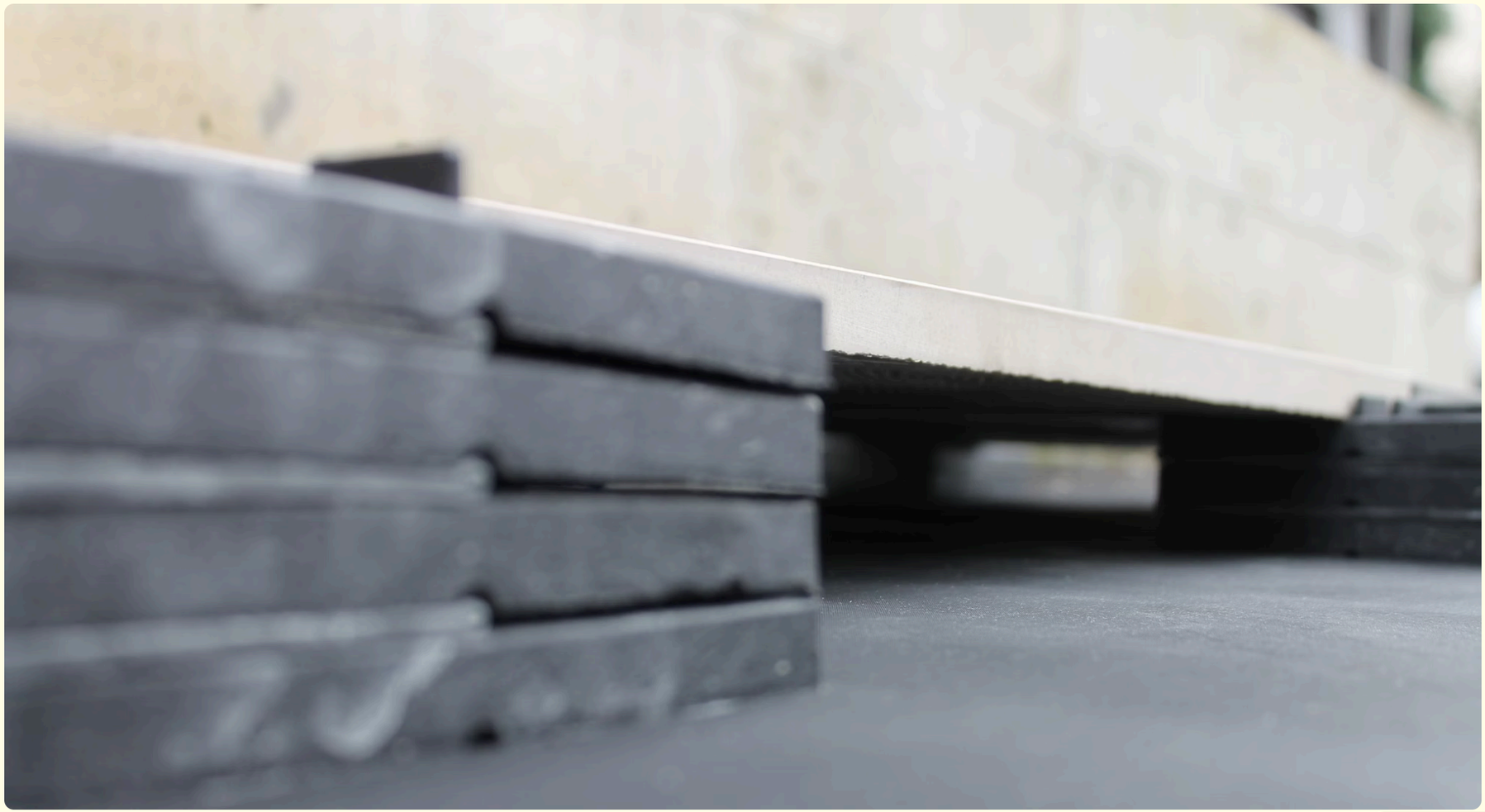
LBS Load Rating

1 piece of Rise-it ½" tall pad tested to 10,000 + LBS

2,000+

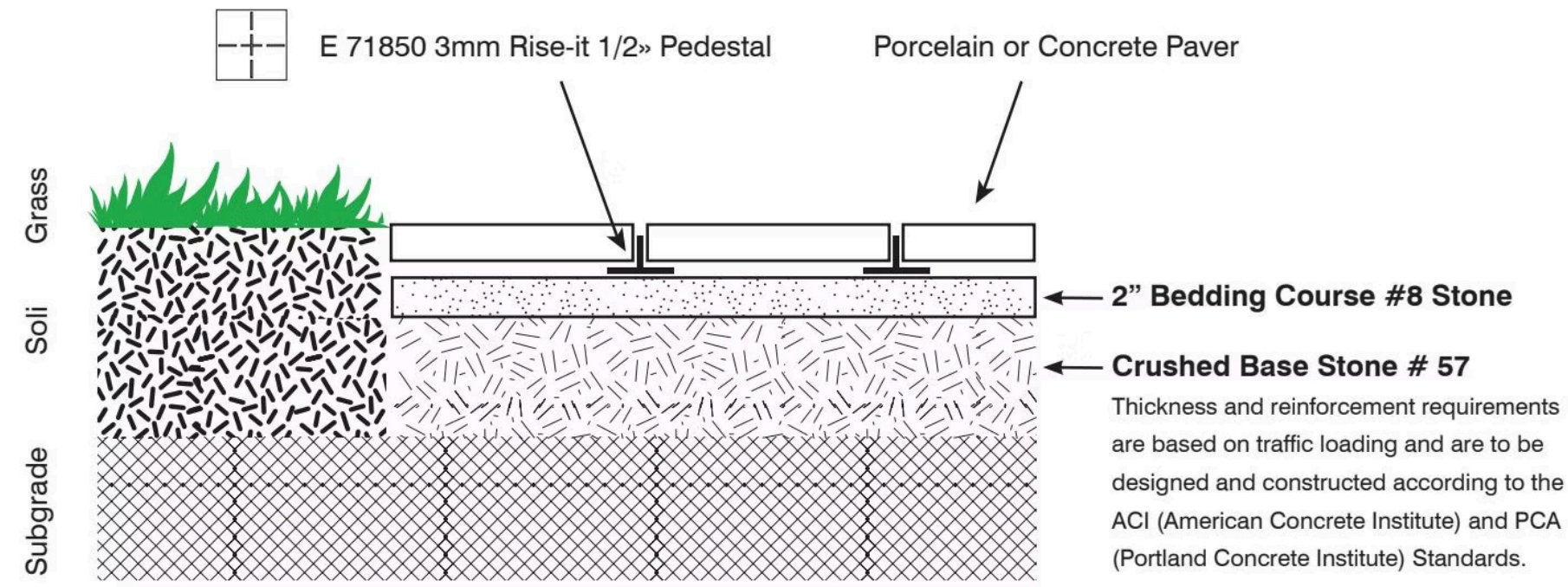
LBS Stacked Rating

6 pieces of Rise-it ½" tall pads stacked to 3" overall height tested to 2,000 + LBS



Installation Methods for Different Applications

Permeable Over Open Graded Aggregate Installation (Pedestrian Foot Traffic)

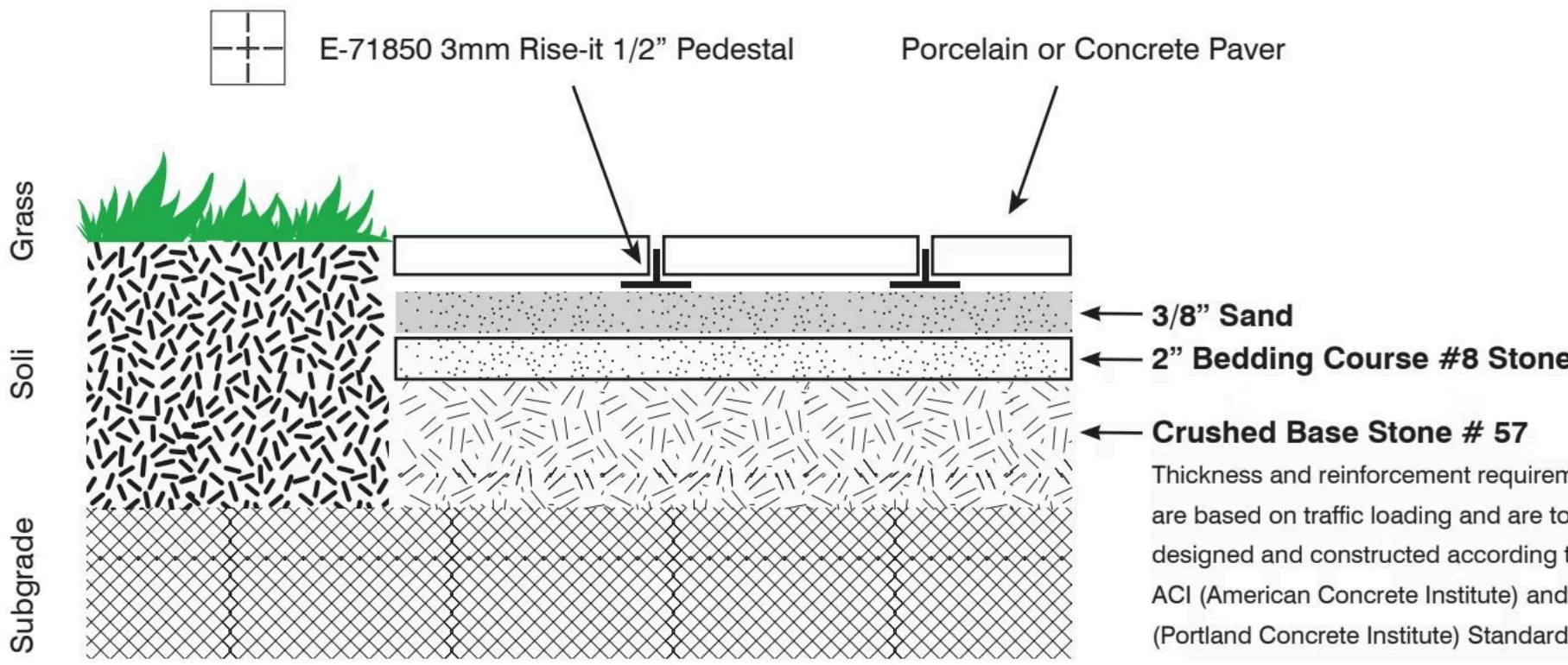


CAUTION

Never compact pavers with plate compactor.

Never install paver without 3mm spacer between all units.

Sand Set Over Compacted Road Base Installation (Pedestrian Foot Traffic)



CAUTION

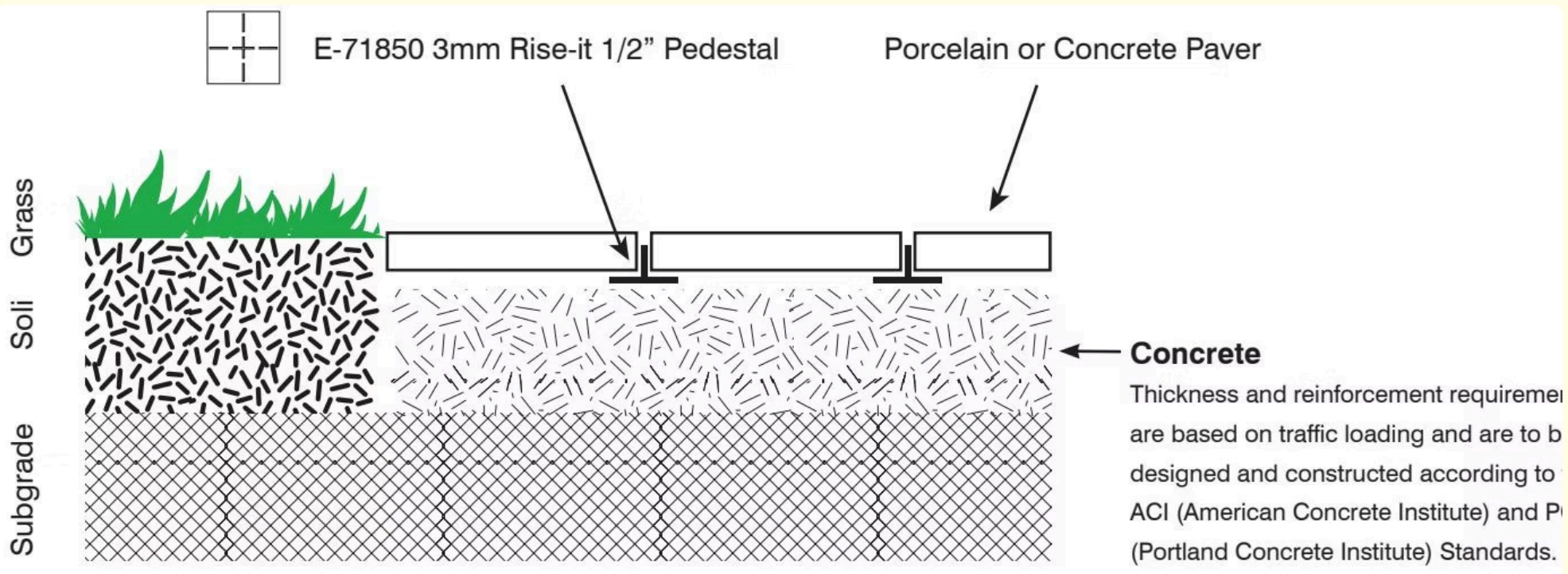
Only use the **1/2" 3mm Rise-it Pedestal** when doing sand installs as the honeycomb base will lock into the sand and sit on the gravel base.

Never compact pavers with plate compactor.

Never install without 3mm spacer between all units.

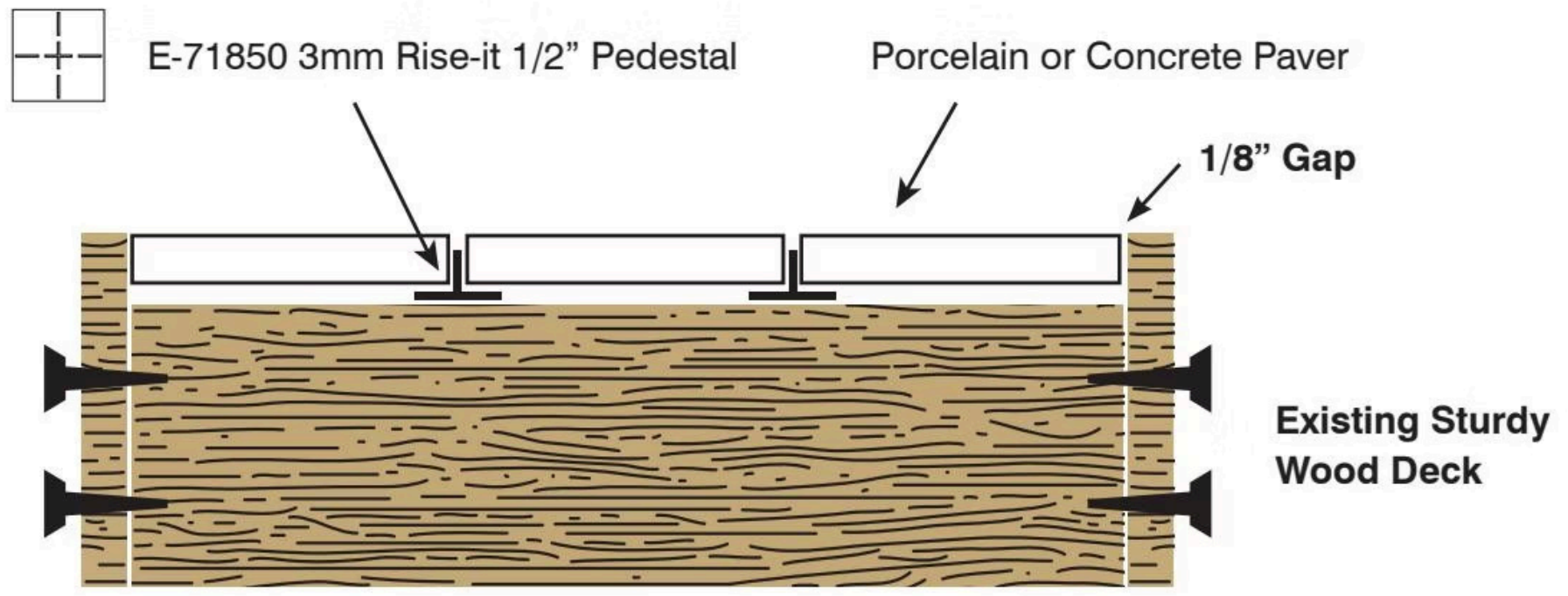
Concrete and Deck Installation Methods

Fixed Pedestal Installation on Concrete Floor (Pedestrian Foot Traffic)



Concrete Thickness and reinforcement requirements are based on traffic loading and are to be designed and constructed according to the ACI (American Concrete Institute) and PCA

Fixed Pedestal Installation on Existing Sturdy Wood Deck (Pedestrian Foot Traffic)

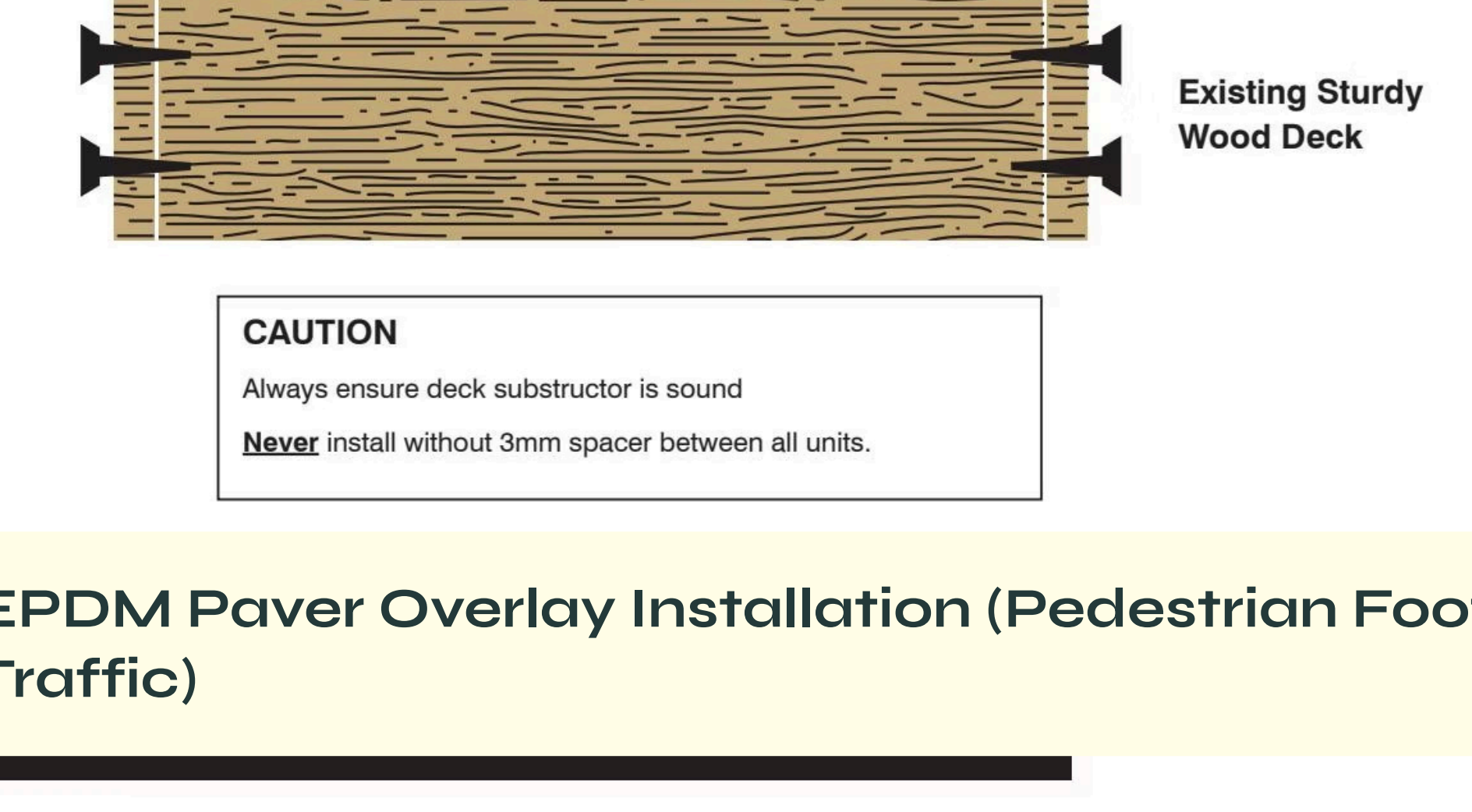


CAUTION

Always ensure deck substructor is sound

Never install without 3mm spacer between all units.

EPDM Paver Overlay Installation (Pedestrian Foot Traffic)



CAUTION

Never install without 3mm spacer between all units.

CAUTION

Never compact pavers with plate compactor.

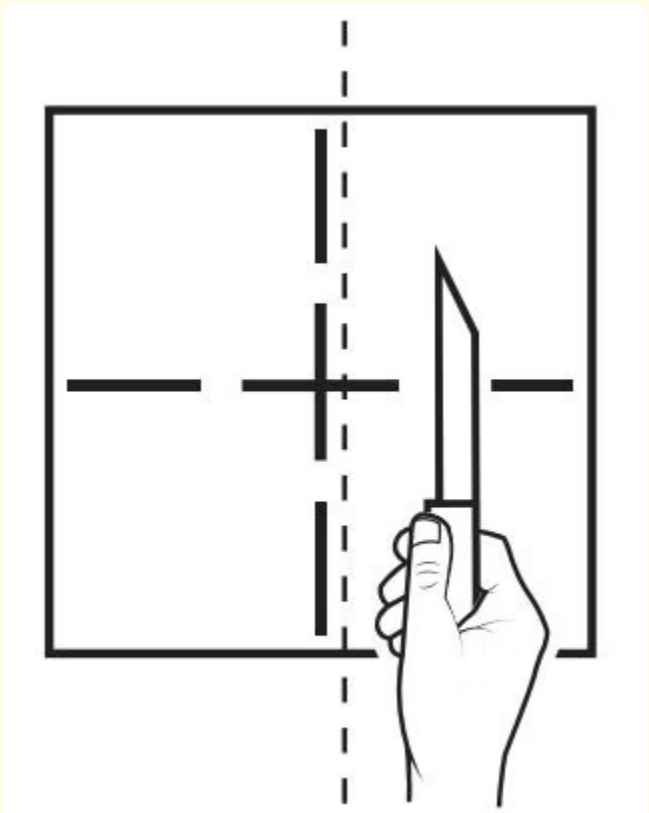
Never install without 3mm spacer between all units.

Step by Step Cutting of Rise-it

01

Score the Material

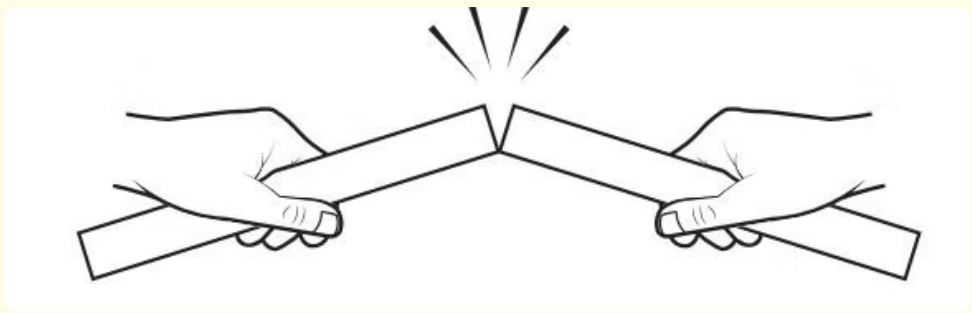
Score two or three times with utility knife.



02

Bend and Snap

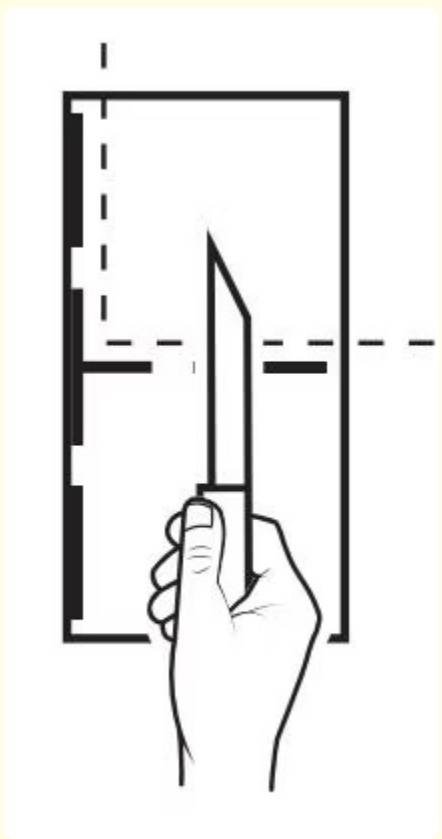
Place your hands firmly on the Rise-it on either end of your cut line. Bend and snap for a clean cut.



03

Create Quarter Sections

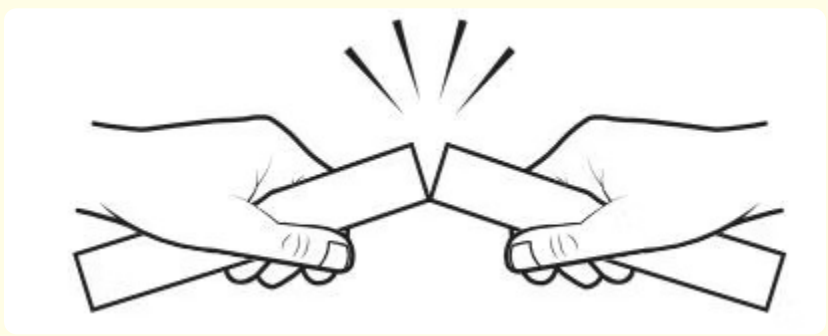
Score your "halved" Rise-it twice to create a 1/4 square from 6" x 6" Rise-it.



04

Repeat Process

Repeat Step 2.



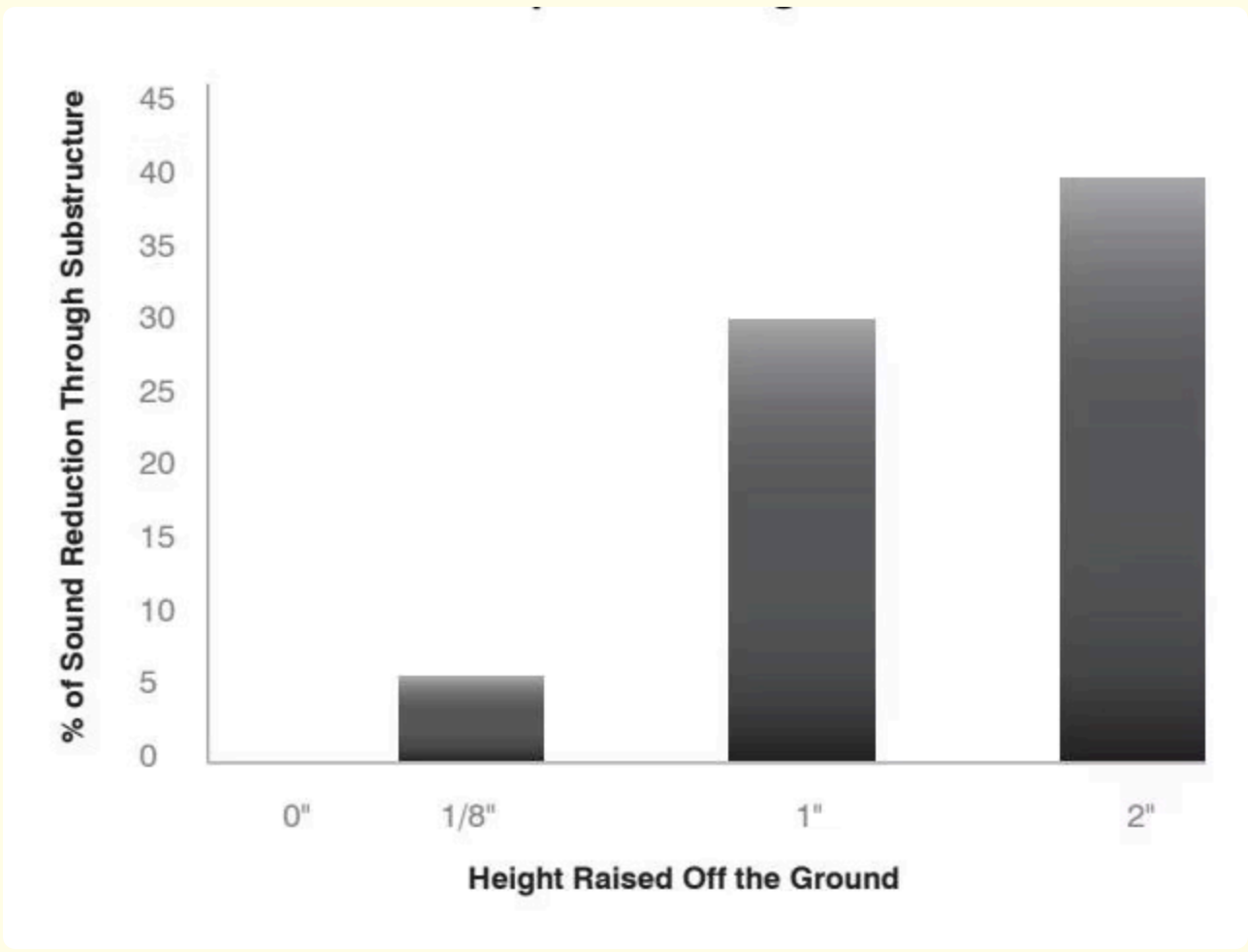
Sound Dampening & Environmental Benefits

SOUND DAMPENING

The Rise-It pedestal system excels with outdoor pavers made from harder materials such as porcelain.

The rubber composition in the Rise-It helps dampen sound by up to 40% when at an elevation of 2" or higher. It also reduces vibration and squeaking which can be noticed when walking over a complete installation.

Sound Absorption through Sub-Structure



Product contributes to LEED 2009 or LEED V4 credits www.usgbc.org

1. Heat Island Effect- LEED credit SSc7.1 & SSc7.2 (2 points possible)
2. Recycled Content- LEED credit MRc4 (2 points possible)
3. Regional Materiais- LEED Credit MRc5 (2 points possible)
4. Storm Water Design- LEED Credits SSc6.1 and SSc6.2 (2 points possible)
5. Innovation in Design- LEED Credit IDcI (5 points possible)
6. Construction & Waste Management- LEED credit MRc4 (2 points possible)
7. Low Emitting Materiais LEED credit IEQ4.1 & 4.3 (3 points possible)

- Product is more energy-efficient in operation than similar products
- Product is more water-efficient than similar products
- Product is more durable and/or requires less maintenance than similar products
- Product contains post-consumer recycled content (100% Recycled Content)
- Product has been salvaged and reconditioned from previous use (100% Recycled)
- Product is recyclable or biodegradable after use

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