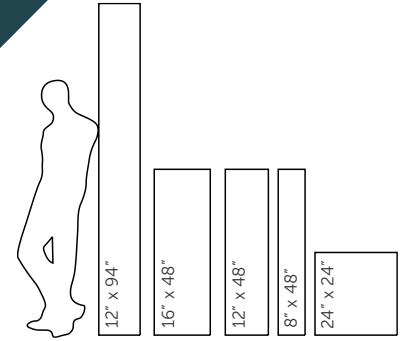


PORCELAIN PLANK DECKING

A new dimension in outdoor decking and paving. Totally fireproof, perfectly straight, absolutely level, fade free, zero maintenance.

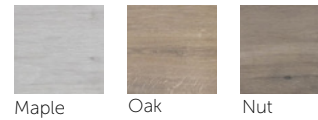


Porcelain planks skillfully incorporate the visual features that make natural wood decking so enchanting, but eliminate the problems. Although just 3/4" thick, porcelain planks offer an unsurpassed alternative for building elevated rooftop decks over pedestal supported beams, set in thinset over concrete floors or simply laid over compacted sand.



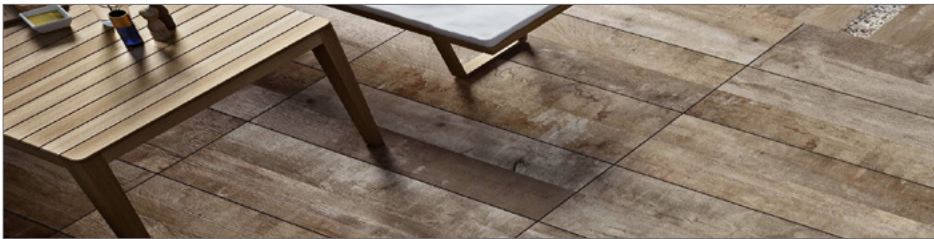
94" x 12" 'DECKWAY' PLANKS

Extra long (94 1/4") porcelain planks with a simulated wood look.
Install options: pedestal supported beams, compacted sand, thinset.



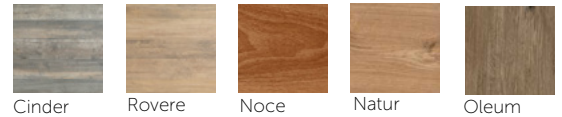
48" x 16" SLABS

Rectangular porcelain slabs, simulating wood or cement like planks, joined side by side.
Install options: pedestals/pads, pedestal supported beams, compacted sand, thinset.



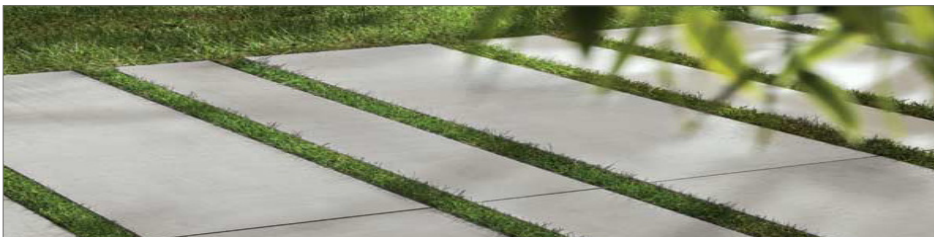
48" x 12" PLANKS

12" wide planks simulating single boards of natural wood.
Install options: pedestal supported beams, compacted sand, thinset.



48" x 8" PLANKS

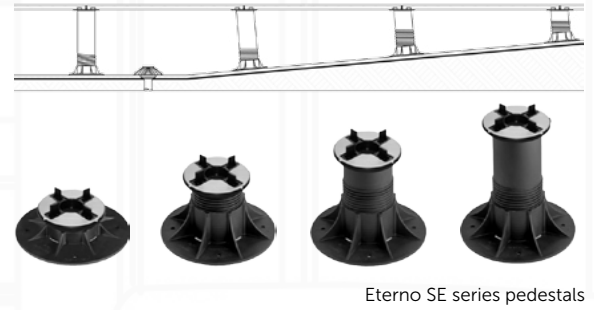
8" wide planks simulating single boards of natural wood or with a cement like appearance.
Install options: pedestal supported beams, compacted sand, thinset.



INSTALLATION

ADJUSTABLE HEIGHT PEDESTALS

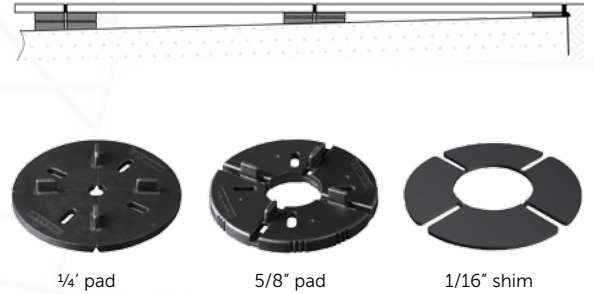
For deck elevations above approx 1 1/2" over hard surfaces such as concrete or other sloping substrates, Eterno SE or NM 'Maxi' adjustable height pedestals are placed under each corner and along the edges of the planks at max. 24" spacing. Pedestal heights are easily adjusted to ensure a perfectly level surface by rotating the screwed column from above with a special tool. The soft rubber head material reduces noise transmission and provides extra shock protection.



Eterno SE series pedestals

RUBBER SUPPORT PADS

At low elevations (1/4" - 1 1/2") over sloping hard surfaces such as concrete, Eterno fixed rubber support pads are typically used to progressively raise the deck height. These pads permit a starting deck height as low as 1.0". The pads also provide excellent sound absorption, shock resistance and resistance to movement. The stackable 1/4" and 3/8" high pads are placed under each corner and along the edges of the porcelain planks at 24" intervals with 1/16" thick shims used to make minor height adjustments. Above 1 1/2", Eterno SE or NM 'Maxi' adjustable height pedestals are used to provide support at higher elevations up to 20" or more.



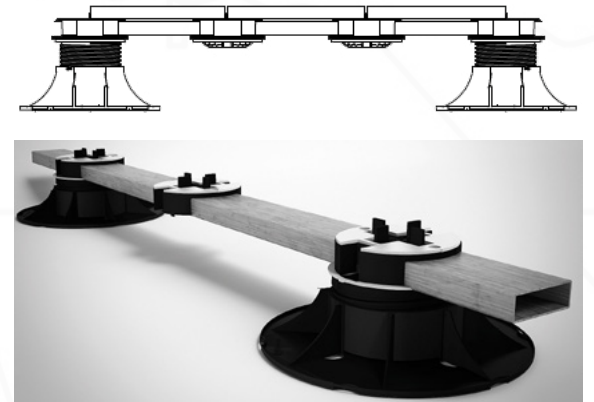
1/4" pad

5/8" pad

1/16" shim

PEDESTAL SUPPORTED BEAMS

8" or 12" wide porcelain planks are typically installed over an array of 8' long hollow steel beams, supported by Eterno NM 'Maxi' adjustable height pedestals, spaced at 24" intervals. 16" x 48" porcelain slabs may optionally be supported with this system rather than individual pedestals. The steel beam sub-structure reduces the number of pedestals required and ensures a firm and stable support structure over sloping substrates. Porcelain planks of different widths are accommodated by moving sliding pedestal caps along the steel rail. Porcelain planks are placed on the pedestal caps with the end of each plank situated over a steel rail and separated by the inbuilt spacer tabs on the pedestal caps.



THINSET MORTAR

For areas subject to high levels of foot traffic, planks can be laid over a concrete base in thinset mortar and grouted.

COMPACTED SAND

For landscape paving, large patios, courtyards, walkways and terraces subject to moderate levels of foot traffic, porcelain planks can be laid on a well prepared and compacted sand bed.

NOTE: While Archatrak porcelain planks and pavers are exceptionally durable, dense and rigid, they can nevertheless suffer damage due to cracking and/or breakage if tools, heavy furniture or other heavy objects are dropped on the planks from a significant height.

For installations where hard, heavy objects are likely to be present or where floor heights exceed 4", we recommended installing securely applied reinforcement sheets to the underside of the planks to mitigate the risk of damage or injury.