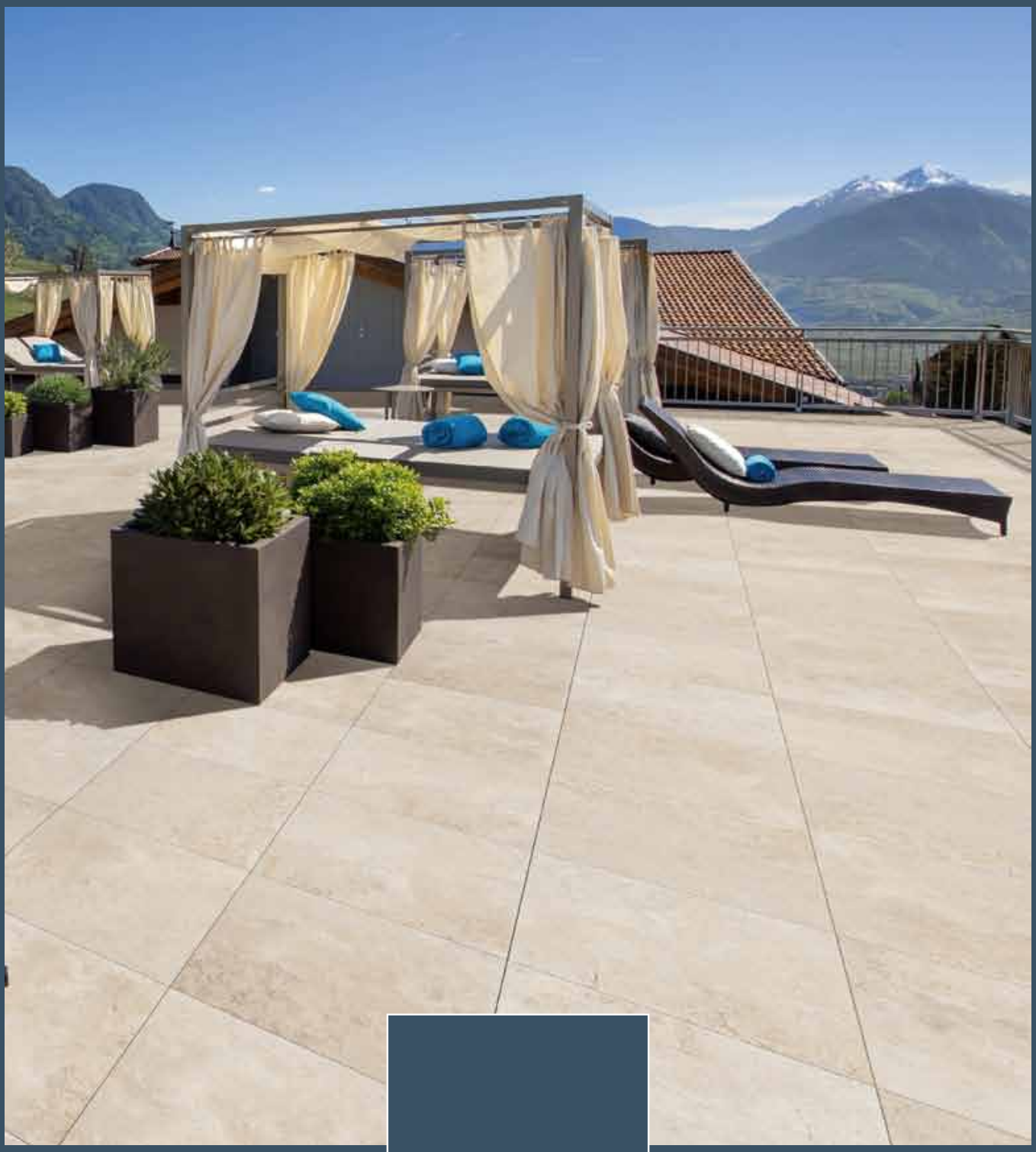
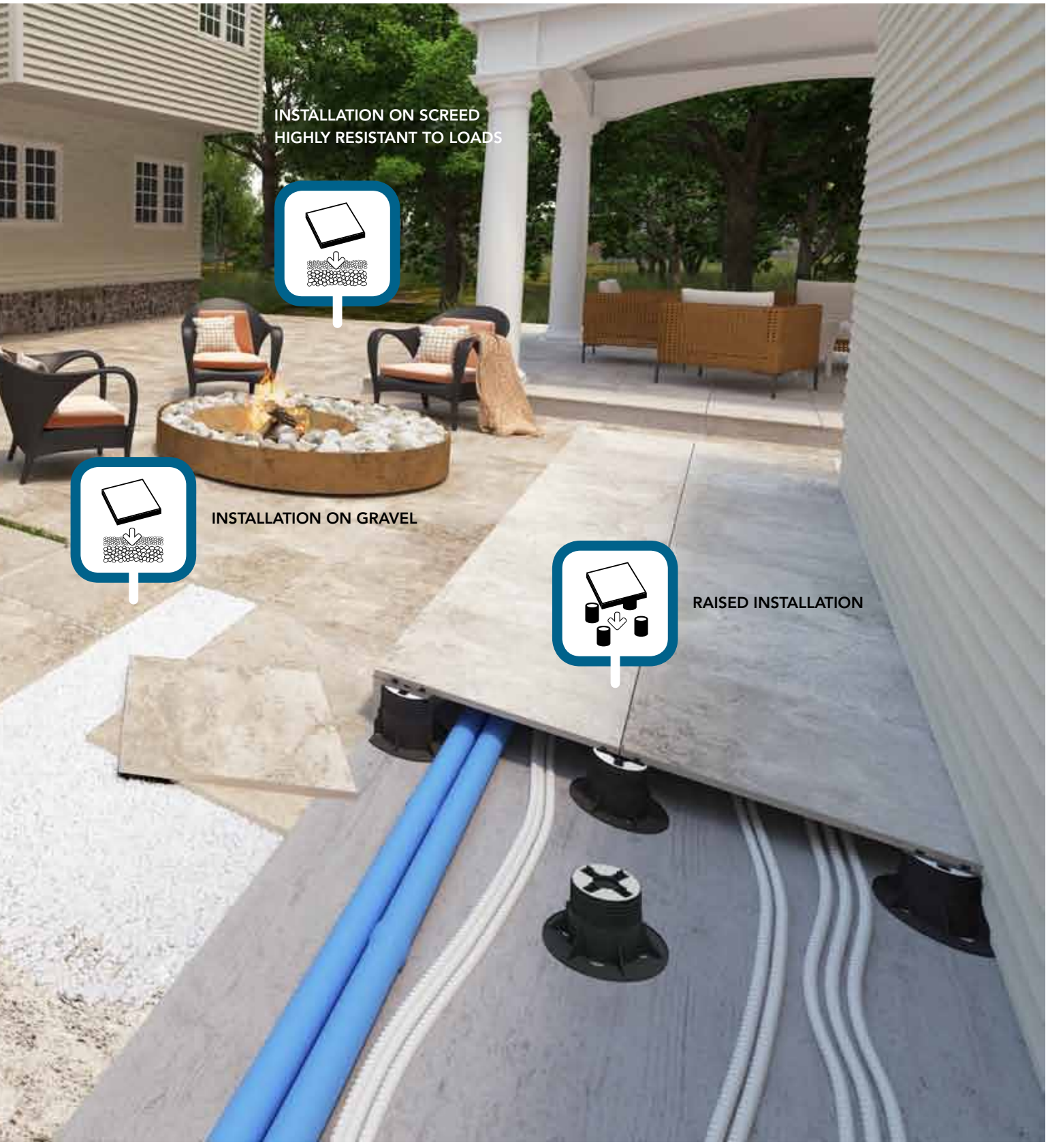


Crossville Studios

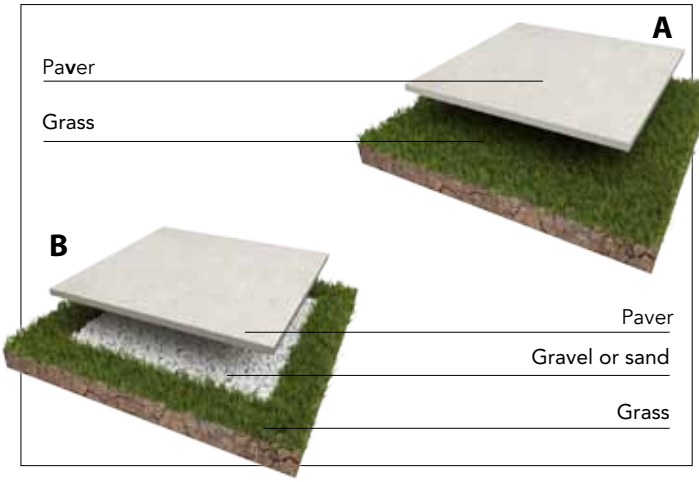
Stile² Outdoor 2cm Paver Installation Guide

Installation systems


INSTALLATION ON SCREED
HIGHLY RESISTANT TO LOADS
INSTALLATION ON GRAVEL
RAISED INSTALLATION

Lay-on installation

Installation on grass



The stratigraphy shown is only an indication: we recommended reffering to local regulations in order to achieve a correct installation.

Installation on grass can be performed in two ways:

A) Direct: set the tile on grass leaving $1^{1/2}$ -2 inches wide joints to allow the grass to grow. Results will be long lasting but stability will be subject to soil movements.

B) On gravel base:

- remove the grass from the area underneath paver
- dig 2 inch deep in warm and dry climate, or deeper in cold or wet climates.
- compact the soil.
- fill the excavated area with gravel (size 1/6 - 1/3 inch) or sand and compact it.
- dry set paver

Installation on gravel

The stratigraphy shown is only an indication: we recommended reffering to local regulations in order to achieve a correct installation.

Recommended for larger areas, for installation with thin joints or joints without grass.

- Excavate the soil at least 4 inch deep in warm and dry climate, or deeper in cold or wet climates.
- Compact the soil at the bottom and ensure it is sloped (≥ 2%) to avoid stagnation of water.
- Optional - place a layer of geotextile to keep the gravel from sinking into the soil.
- Place and compact a layer of crushed stone or gravel (size 1/6 - 1/3 inch).
- Optional - place a layer of geotextile to separate aggregates.
- Place and compact a layer of fine gravel or sand (size 1/12 - 1/5 inch) to ease the leveling of the surface.
- Ensure the surface is level using a straightedge. A slight slope (≥ 1%) is recommended to ensure proper drainage of the floor.
- Dry set paver leaving joints at least 1/8 inch wide. Tile spacers can be used to facilitate installation. Ensure the floor is level with a straightedge and use a rubber hammer to correct small differences in height.
- Fill the joints with very fine sand (size 0 - 1/8 inch) or polymeric sand.

Lay-on installation

Installation on sand

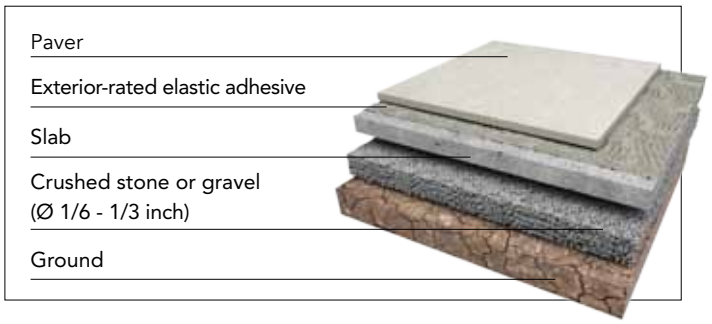
The stratigraphy shown is only an indication: we recommended reffering to local regulations in order to achieve a correct installation.

Installation on sand can performed directly:

- level and compact the sand
- dry set

Crossville Studios

Installation on concrete slab



The stratigraphy shown is only an indication: we recommended reffering to local regulations in order to achieve a correct installation.

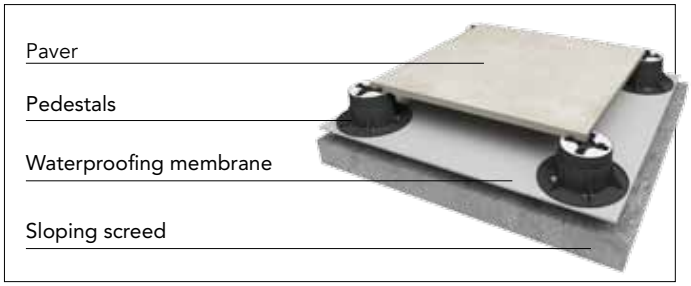
Installation with thin set on concrete slab recommended for areas open to vehicular traffic or subject to very high stress: leave joints at least 1/8 inch wide and respect expansion joints.

To install on concrete slab on ground:

- complete the digging and compact the soil
- Place a layer of crushed stone or gravel
- Place the slab including optional steel mesh
- Install with exterior-rated elastic adhesive

Raised installation

Raised installation



The stratigraphy shown is only an indication: we recommended reffering to local regulations in order to achieve a correct installation.

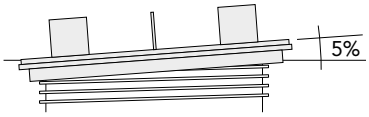
The paver can also be used to create perfectly flat, practical raised floors for use on balconies and roof terraces, allowing rainwater to flow underneath the paving and into the waterproofing system, where an inspectable cavity is created that can be used for cable routing and to house utilities systems, also helping to improve the building's insulation. After the slab and its sloping screed are complete, install the waterproofing membrane. Position the pedestals according to the chosen sizes, if necessary use the slope correctors. During the installation, adjust each pedestal to achieve a flat floor.

Pre-cut tabs for easy removal.

Reinforced adjustment key.

Bi-material head (PP + rubber) anti-noise and anti-slip.

The self-levelling head allows it to automatically compensate any gradient up to 5%

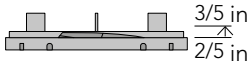


How to cut it

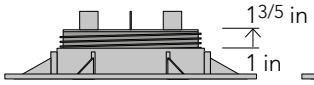
To cut paver, it is necessary to use discs designed for Porcelain Pavers, available for both dry and wet cutting.

Adjustable pedestals with fixed head

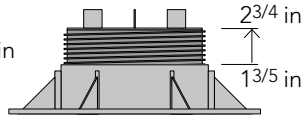
Taller pedestals are available on request.



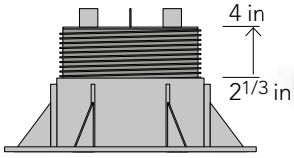
SUF1015 Pedestal
2/5"x3/5" . 10x15 mm
50 pcs/box



SUF2540 Pedestal
1"x1 3/5" . 25x40 mm
20 pcs/box



SUF4070 Pedestal
1 3/5"x1 3/5" . 40x70 mm
20 pcs/box



SUF60100 Pedestal
2 1/3"x4" . 60x100 mm
20 pcs/box

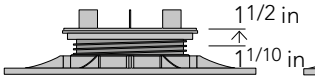
Extension for 2/5 - 3/5 in pedestal

SUF05 Extension
1/5" . 5 mm
50 pcs/box

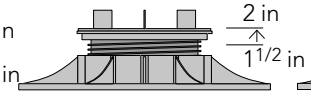
PEDESTALS LOAD BEARING DETAILS
Operating load = 2204 lbs. (1000 kg) each. Breaking load > 4409 lbs. (2000 kg) each.

Adjustable pedestals with self-levelling head

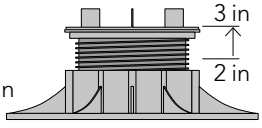
Taller pedestals are available on request.



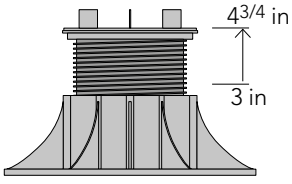
SUB2838 Pedestal
11/10"x11/2" . 28x38 mm
25 pcs/box



SUB3750 Pedestal
11/2"x2" . 37,5x50 mm
25 pcs/box



SUB5075 Pedestal
2"x3" . 50x75 mm
25 pcs/box

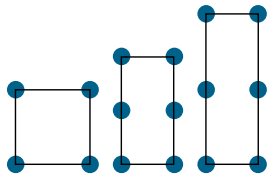


SUB75120 Pedestal
3"x4 3/4" . 75x120 mm
25 pcs/box

PEDESTALS LOAD BEARING DETAILS
Operating load = 1102 lbs. (500 kg) each. Breaking load > 2204 lbs. (1000 kg) each.

For a correct installation for non-vehicular usage, place the pedestals as follows:

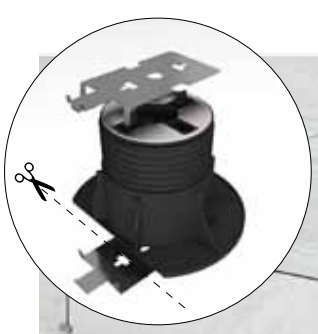
24x24 in	16x32 in	16x48 in
60x60 cm	40x80 cm	40x120 cm



Required pedestals

24x24 in 60x60 cm	3.0 - 3.75 per 10 Sq.Ft. (2.8 - 3.5 per m²)
16x32 in 40x80 cm	5.8 - 6.3 per 10 Sq.Ft. (6.3 - 6.8 per m²)
16x48 in 40x120 cm	3.9 - 4.2 per 10 Sq.Ft. (4.16 - 4.9 per m²)

THE WORLD'S FIRST AND ONLY PEDESTAL TO BE EQUIPPED WITH A HEAD FINISHED IN RUBBER THAT'S CAPABLE OF REDUCING NOISE LEVELS TO AS LITTLE AS 25 db



Linear vertical closure installation

Corner vertical closure installation

CLIP FOR VERTICAL CLOSURE

The sure new way of finishing in style

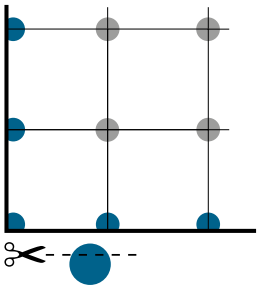
Our clip for vertical closure is designed to solve a typical problem of many external floors, i.e. how to fill in the gap around the edge when no perimeter wall is present. This solution represents an innovative, easy and elegant way to eliminate gaps around raised floors. The system consists of two special, stainless steel clips to be placed over the head and under the base of the pedestal. It creates a firm seat capable of gripping the section of floor cut to size to fill the gap. The use of our floor edge clip effectively prevents horizontal movement in floor slabs.

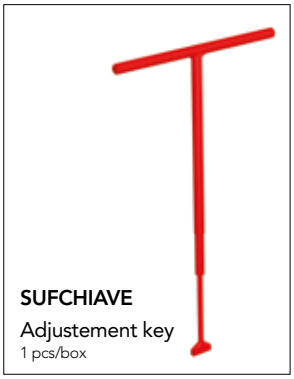
UNIVERSAL EDGE CLIP

The perfect join: attractive and functional

Designed to avoid contact between the slabs of outdoor raised floors and outside walls, the universal edge clip is made entirely from stainless steel. It incorporates a damper to absorb longitudinal and transverse thermal expansion and guarantees a secure grip. Use of these clips ensures a stable floor surface with a straight and elegant perimeter.

Raised installation next to a wall





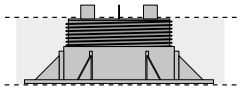
SUFCHIAVE
Adjustement key
1 pcs/box

SUFCLIP
Universal edge clip
20 pcs/box

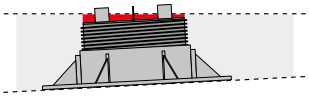
SUFSET
Set for vertical closure
10 set/box (10 + 10)

Raised installation with Slope regulators

For a proper water outflow we suggest to lay with 1% minimum slope

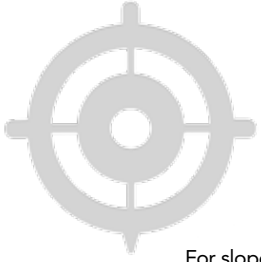


Flat surfaces



Sloped surfaces

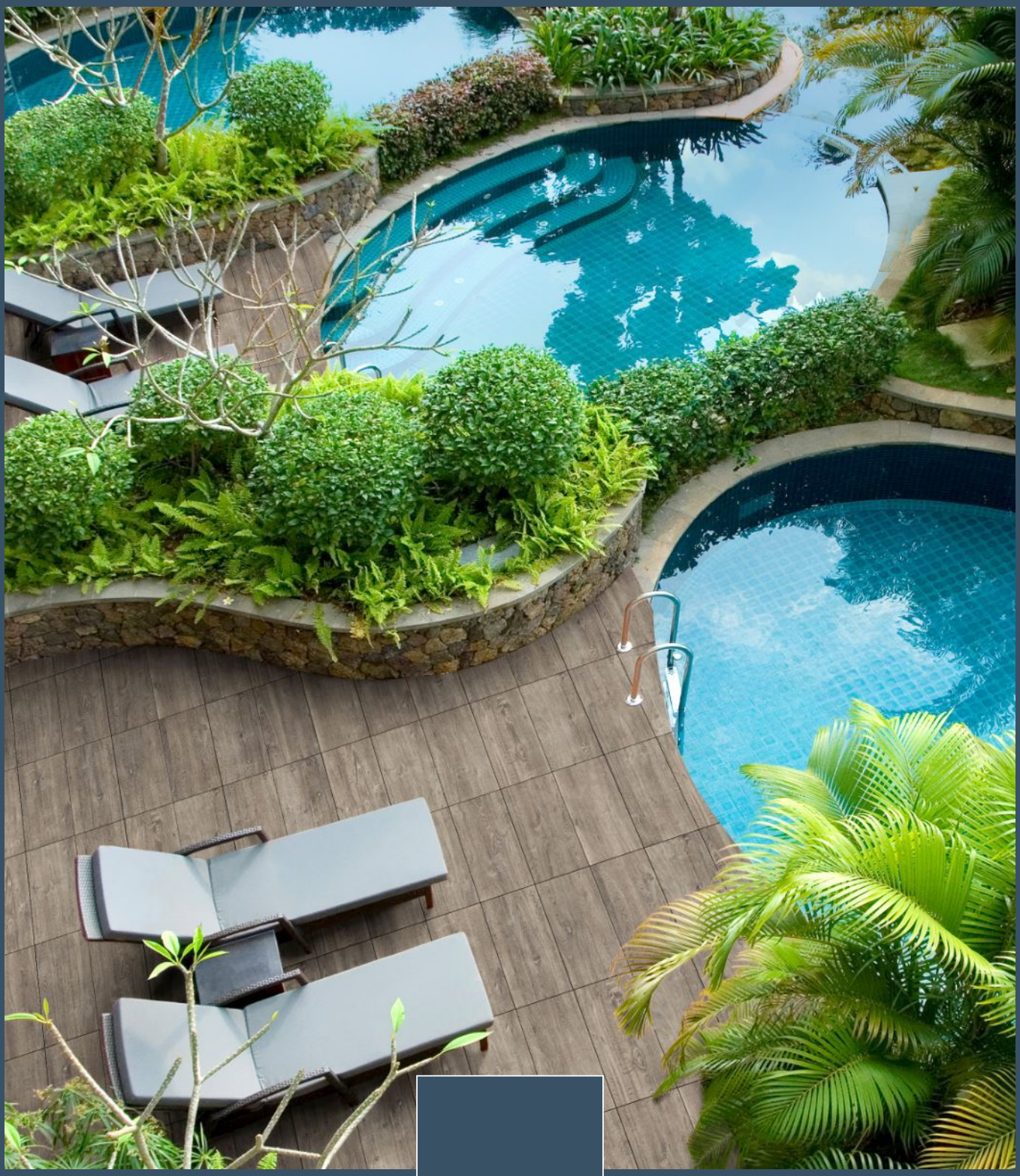
Slope regulator



SUFCP100
1%

For slopes over 1%, two or more slope regulators can be piled up on each other.

Raised installation



Crossville
Studios

crossvillestudios