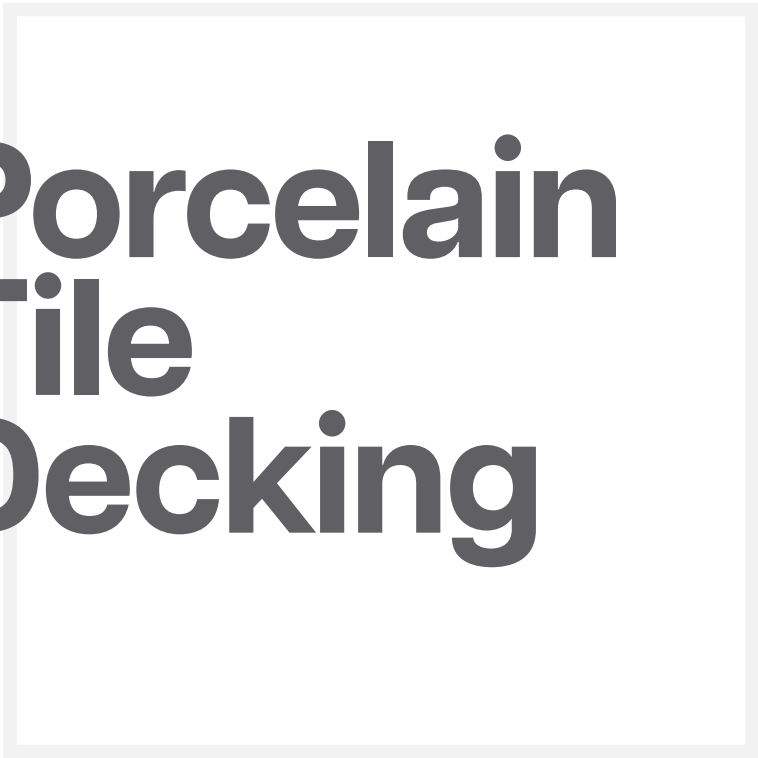


butech



Porcelain Tile Decking

PORCELANOSA Grupo

butech
PORCELANOSA Grupo





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- 39 How to quote an RAFx
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Raised Access Flooring outdoor

The raised access flooring Outdoor (RAFx) system for terraces has been specifically designed to address the aesthetic challenges posed by slopes in terraces and to conceal installations beneath the surface. This system creates a completely flat surface above the existing terrace floor, effectively concealing the slopes beneath it.

Level differences are corrected using height-adjustable plots, while accumulated water is drained through the open joints of the paved surface and directed along the terrace's waterproofed slopes towards the drain.



RESIDENTIAL PROJECT - KENT, UK
ARCHITECT: TYE ARCHITECTS
PHOTOGRAPHY: ALEX KEANE DESIGN

Components

Our outdoor raised access floor is composed of $\frac{3}{4}$ " thick porcelain tiles or a double porcelain tiles, height-adjustable polypropylene pedestals with rubber coating on the head, compensating discs, polyurethane adhesive (P-404), flexible wedges and polyurethane foam spray.

In addition, Butech offers an unique and innovative solution for high wind areas, consisting in the use of black stainless steel mechanical fasteners to attach the pedestal to the tile and interlock all the pieces. These fixing clips can be easily slid along the continuous slot of the porcelain tiles to allow installation and removal. All parts of the system are connected to each other and to the pedestal structure attached to the support, providing incredible wind uplift resistance. The development of this type of solution and the desire to remain at the forefront of the evolution of raised flooring makes our system a benchmark in the market.



RESIDENTIAL PROJECT - KENT, UK
ARCHITECT: TYE ARCHITECTS
PHOTOGRAPHY: ALEX KEANE DESIGN



RESIDENTIAL PROJECT - KENT, UK
ARCHITECT: TYE ARCHITECTS
PHOTOGRAPHY: ALEX KEANE DESIGN

Layout and installation

Our system allows the use of any porcelain tile with a minimum thickness of $\frac{3}{4}$ " and greater than 5"x5", including any $\frac{3}{8}$ " porcelain tile mounted on a porcelain base of identical size and thickness. Since this is an outdoor floor system, the use of tiles with anti-slip properties is recommended.



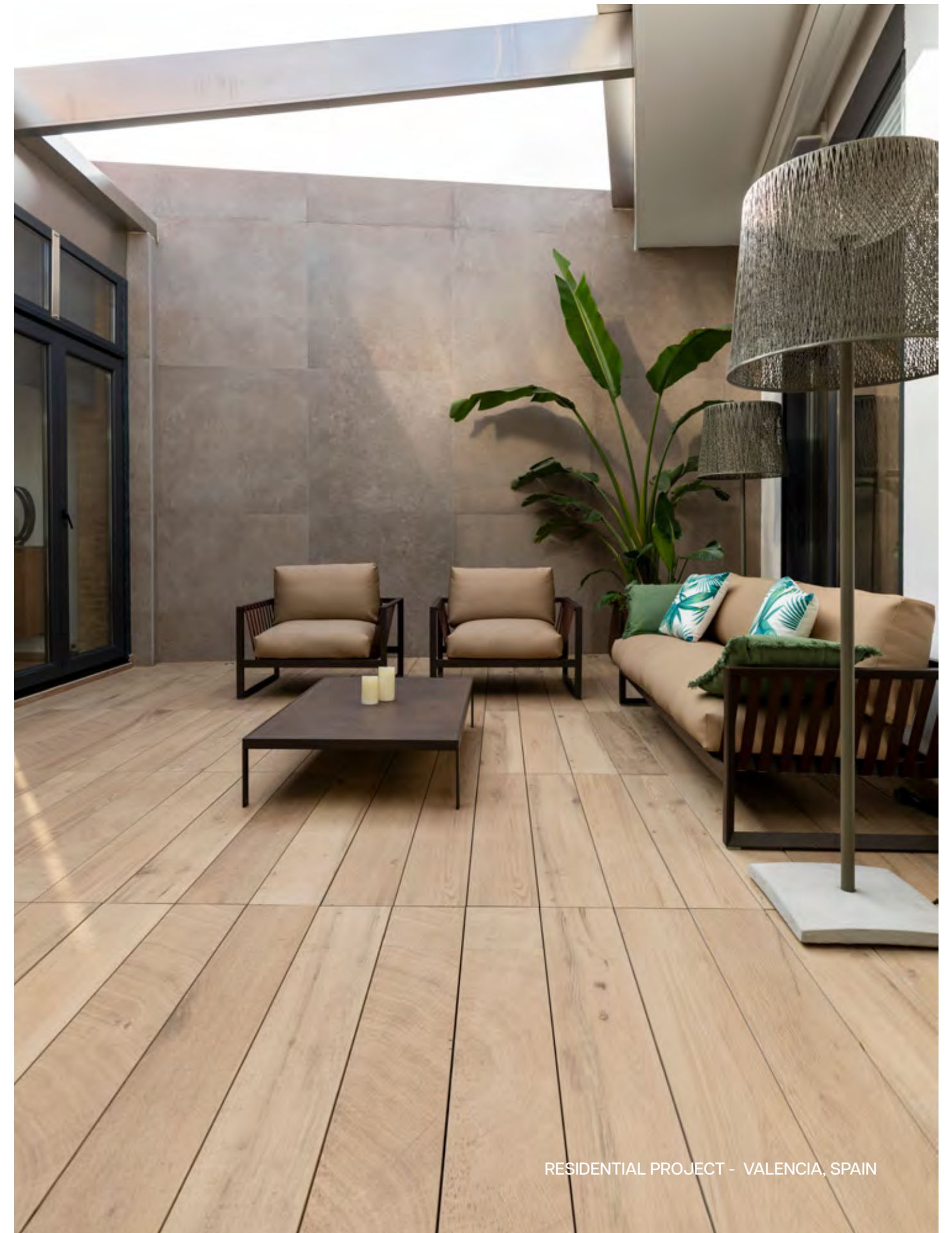
RESIDENTIAL PROJECT - KENT, UK
ARCHITECT: TYE ARCHITECTS
PHOTOGRAPHY: ALEX KEANE DESIGN

ROX BEIGE ANT.

Raised Access Flooring outdoor

Installation is very simple and can be carried out on any rigid substrate with an appropriate compressive strength. The number of pedestals used in the installation changes depending on the size of the piece, the intended use for the floor or the weight it needs to support. The height of the pedestals can be adjusted by hand or using our leveling key and must be placed at least at the corners of each piece. The compensating discs are placed under the pedestals to compensate the slope of the support and are fixed to the pedestal and the substrate with our polyurethane adhesive P-404. The 4 tabs or spacers located on the head of the pedestal separate the pieces from each other creating a perfectly aligned and open joint. These spacers are designed to assemble the windproof clips that hold the tiles together offering an incredible wind resistance.

The system adjusts to any layout as the spacers on the head of the pedestal can be easily removed to ensure optimal support in any position.

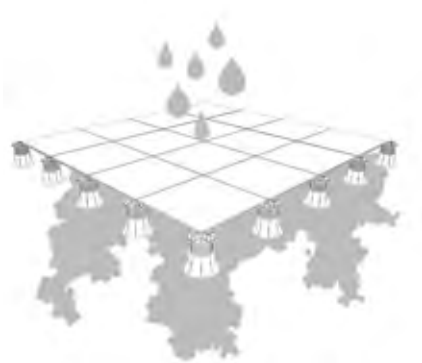


RESIDENTIAL PROJECT - VALENCIA, SPAIN



RESIDENTIAL PROJECT - MASSAMAGRELL
ARCHITECT: CHIRALT ARQUITECTOS - PHOTOGRAPHY: EVA PÉREZ VALERO

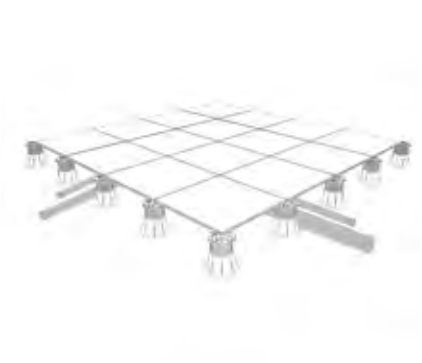
Benefits



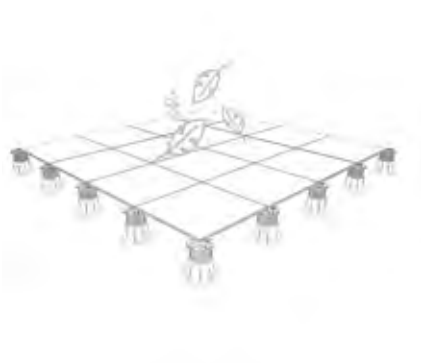
1. Optimal water drainage during rain or cleaning.



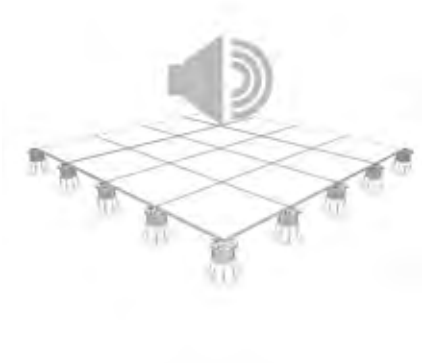
2. Panels can be lifted anytime, granting permanent access to the subfloor.



3. Elements such as pipes are completely hidden under the panels.



4. Light system compared to the typical concrete pavers system.



5. Great acoustic insulation



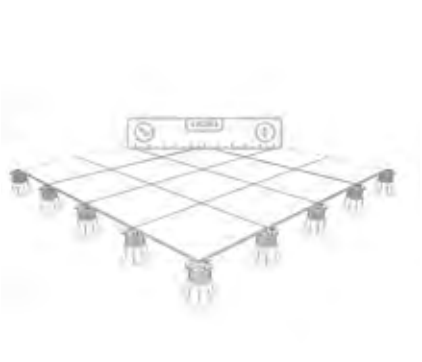
6. Good thermal insulation created by the air chamber between the raised access floor surface and the roof.



7. No need for expansion joints.



8. Good mechanical resistance.



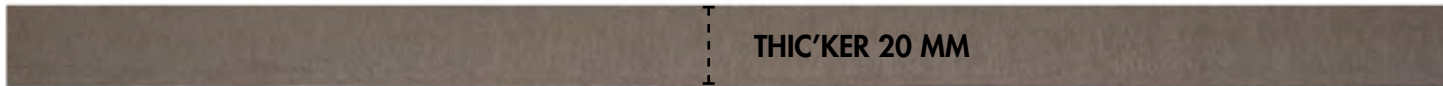
9. Flat and level finish. Slopes and drains are hidden.

*Continuous effect created by matching the height and tile finish inside and outside

Porcelain Paver

THIC'KER 20 MM

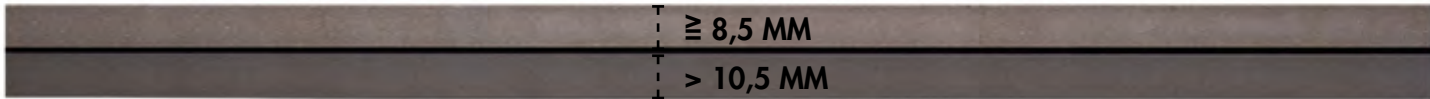
The advances in manufacturing techniques and new landmark frontier technology brought the possibility of producing porcelain tiles in a much greater thickness as traditionally, enabling these tiles to be used for exterior structural paving applications. Our high performance 3/4" thick tiles offer an extraordinary load-bearing strength and hard-wearing resistance combined with an outstanding aesthetic appearance and anti-slip finish. They are ideal for any commercial or residential project and suitable for rooftops, terraces, patios, decks, balconies, plazas and walkways. Additionally we also provide these tiles with a continuous groove for use with our wind-uplift resistant system.



Porcelain Laminated

Double Porcelain Tile

This exclusive and unique product is the ultimate solution for outdoor raised floor projects providing trendsetting cuttingedge designs of unparalleled beauty and refinement. These double pieces are available in same size, color and finish than most of our porcelain tiles ($\geq 10,5$ mm) which enables the possibility of creating unbroken visual continuity between outdoor and indoor spaces in any residential or commercial project. Given its extreme wear and weather resistance, it is the perfect alternative to wood and stone that will remain absolutely unchanged over time. Its technical properties and design make it perfect for use with our wind-uplift resistant system. A 10,5mm or thicker anti-slip tile must be chosen.



Structure of outdoor RAF

Plots with adjustable height.

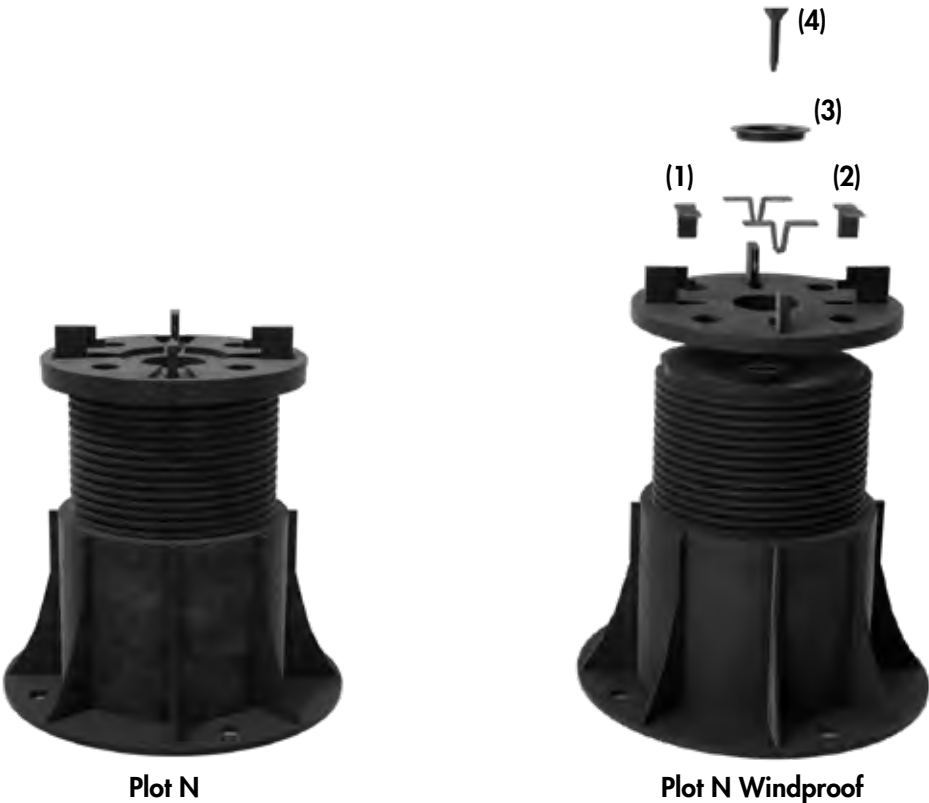
These plots, made of weatherproof plastic, are the support on which the ceramic tile of outdoor RAF rests. They determine the height of the system and width of the joint between panels. This element consists of the following parts:

- Plot base: Large diameter base that distributes the weight on the subfloor.
- Stem: Adjustable height rod that allows adapting height of the plot to the needs of the raised floor.
- Head: Where outdoor RAF tiles are laid. With 4 spacers that determine grout joints, with a width of 4 mm. Includes a rubber pad on top to reduce impact noise and vibrations.

Optional upgrades:

The Windproof version includes T-shaped(1) and L-shaped clips(2), fixing cap(3) and screw(4). Windproof system is capable to withstand winds up to 132 mph. Estimated weight 9.66 lbs per sq ft.

Pavers machined with kerf cuts at each corner in order to make them suitable for the windproof system.



Plot N

Plot N Windproof



RESIDENTIAL PROJECT - CARLET
ARCHITECT: FERNANDO GOZÁLBES BLASCO - PHOTOGRAPHY: ADRIÁN MORA



RESIDENTIAL PROJECT - SANT CUGAT DEL VALLÉS
ARCHITECT: SAMBORI DESIGN

Plots adjustables (Plot N)

Type	Adjustable
Material	Polypropylene with mineral load
Colour	Black
Compression resistance	6172,943 pounds/unit approximately
Dimensions	Lower support base Ø 8 1/16" (205 mm) Upper head Ø 5 15/16" (150 mm)
Thread type	Double trapezoidal thread
Heights	Minimum 1 3/16" (30 mm) Maximum 26 3/8" (670 mm)
Slopes	From flat to 3 %
Separation between tiles	3/16" (4 mm)



Available Pedestals List

Description	SAP
BASIC PLOT 3/8"	100005802
BASIC PLOT 1/2"	100005803
BASIC PLOT 3/4"	100153580
PLOT N HEAD 1/2"	100258263
PLOT N FROM 1-3/16" TO 1-13/16" SLOPE 0%	100239787
PLOT N FROM 1-3/16" TO 1-13/16" SLOPE 1%	100239822
PLOT N FROM 1-3/16" TO 1-13/16" SLOPE 2%	100239832
PLOT N FROM 1-3/16" TO 1-13/16" SLOPE 3%	100239959
PLOT N FROM 1-13/16" TO 3" SLOPE 0%	100239820
PLOT N FROM 1-13/16" TO 3" SLOPE 1%	100239795
PLOT N FROM 1-13/16" TO 3" SLOPE 2%	100239833
PLOT N FROM 1-13/16" TO 3" SLOPE 3%	100240061
PLOT N FROM 2-9/16" TO 4-1/8" SLOPE 0%	100239777
PLOT N FROM 2-9/16" TO 4-1/8" SLOPE 1%	100239803
PLOT N FROM 2-9/16" TO 4-1/8" SLOPE 2%	100239779
PLOT N FROM 2-9/16" TO 4-1/8" SLOPE 3%	100239937
PLOT N FROM 3-3/4" TO 6-1/2" SLOPE 0%	100239811
PLOT N FROM 3-3/4" TO 6-1/2" SLOPE 1%	100239796
PLOT N FROM 3-3/4" TO 6-1/2" SLOPE 2%	100239799
PLOT N FROM 3-3/4" TO 6-1/2" SLOPE 3%	100239899
PLOT N FROM 6-1/8" TO 10-3/4" SLOPE 0%	100239788
PLOT N FROM 6-1/8" TO 10-3/4" SLOPE 1%	100239804
PLOT N FROM 6-1/8" TO 10-3/4" SLOPE 2%	100239863
PLOT N FROM 6-1/8" TO 10-3/4" SLOPE 3%	100240066
PLOT N FROM 10-3/4" TO 14-3/8" SLOPE 0%	100254602
PLOT N FROM 10-3/4" TO 14-3/8" SLOPE 1%	100254582
PLOT N FROM 10-3/4" TO 14-3/8" SLOPE 2%	100254620
PLOT N FROM 10-3/4" TO 14-3/8" SLOPE 3%	100254612
PLOT N FROM 12" TO 15-5/8" SLOPE 0%	100239812
PLOT N FROM 12" TO 15-5/8" SLOPE 1%	100239805
PLOT N FROM 12" TO 15-5/8" SLOPE 2%	100239846
PLOT N FROM 12" TO 15-5/8" SLOPE 3%	100239940
PLOT N FROM 15-1/8" TO 19-3/4" SLOPE 0%	100254584
PLOT N FROM 15-1/8" TO 19-3/4" SLOPE 1%	100254615
PLOT N FROM 15-1/8" TO 19-3/4" SLOPE 2%	100254621
PLOT N FROM 15-1/8" TO 19-3/4" SLOPE 3%	100254603
PLOT N FROM 16-3/8" TO 21-1/8" SLOPE 0%	100239821
PLOT N FROM 16-3/8" TO 21-1/8" SLOPE 1%	100239823
PLOT N FROM 16-3/8" TO 21-1/8" SLOPE 2%	100239868
PLOT N FROM 16-3/8" TO 21-1/8" SLOPE 3%	100239941
PLOT N FROM 20-5/8" TO 26-3/8" SLOPE 0%	100239813
PLOT N FROM 20-5/8" TO 26-3/8" SLOPE 1%	100239798
PLOT N FROM 20-5/8" TO 26-3/8" SLOPE 2%	100240035
PLOT N FROM 20-5/8" TO 26-3/8" SLOPE 3%	100239947



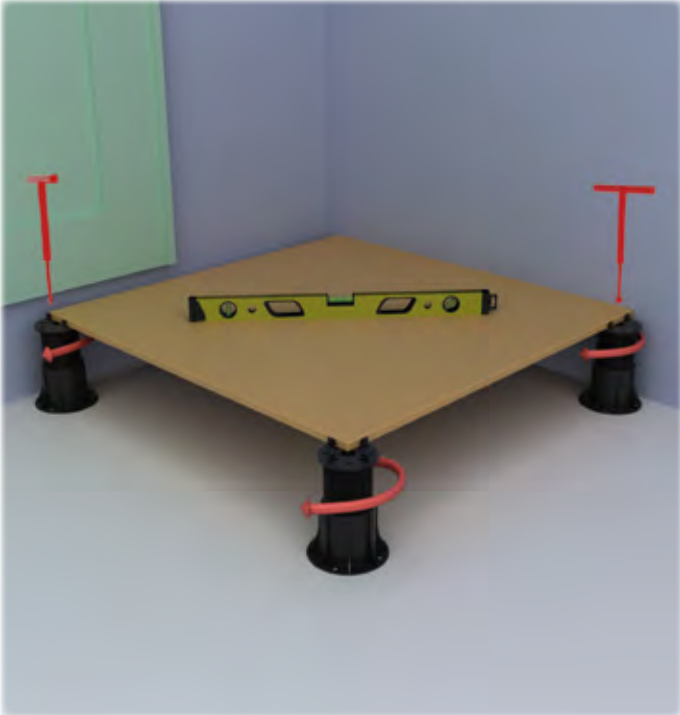
Raised Access Flooring outdoor

How to install the outdoor RAF



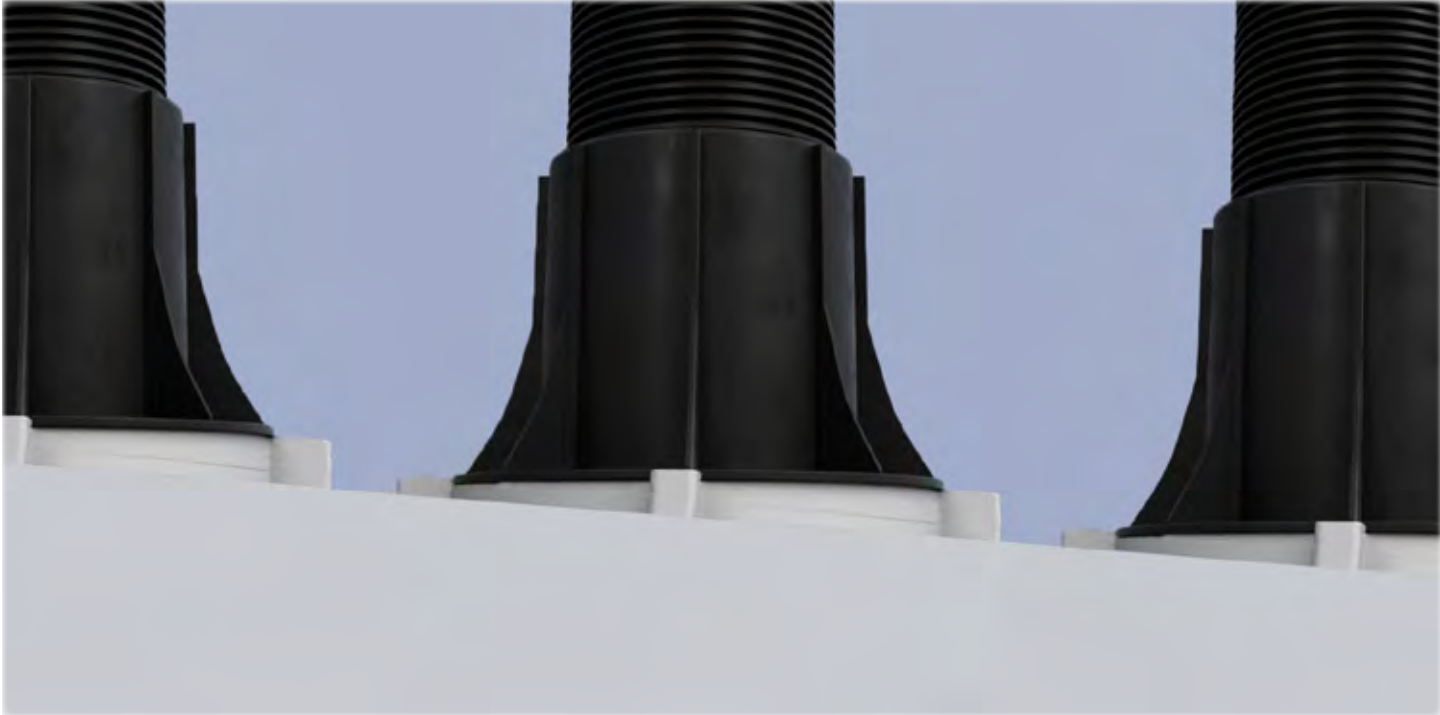
1- FLOORING LAYOUT.

Determine the starting point. Make a estimation of the layout counting on 4mm joint between panels.
Mark the position of the installation joints on the subfloor.
Place the plots corresponding to the first panel. If necessary, cut the plots through the slots in the base with an angle grinder.



2- INSTALLATION TECHNIQUE

Adjust the height of the pedestal to level the panel.
Arrange the first tile to confirm the distance between plots and remove it again.
Determine the slope, arrange as many 1% stackable compensators as necessary to obtain a flat base (maximum 3 units) and glue with p-404.



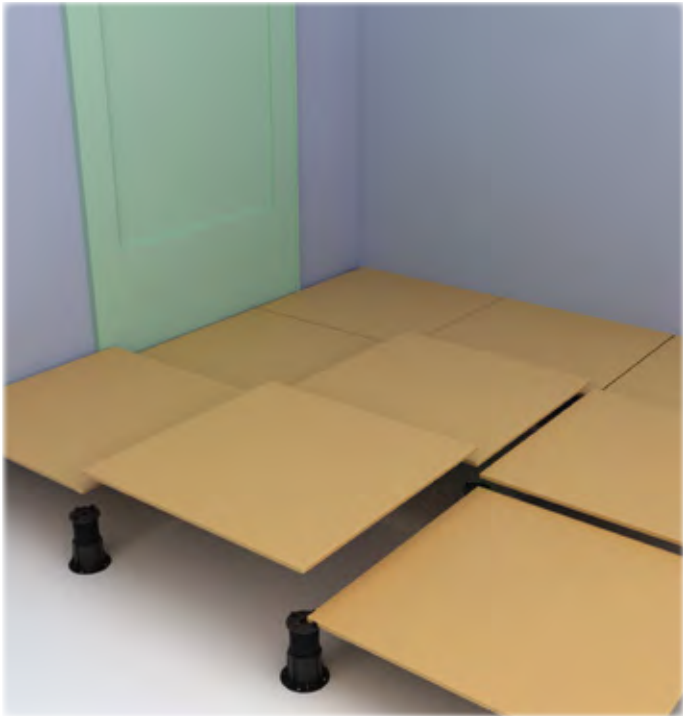
Place the plots on the 1% stackable compensators and glue to the support with p-404.
Place again the first panel and adjust the height of the plot with the key so that the floor is flat and levelled.
Continue laying the next panel in the same way, ensuring a perfect levelling.

For WINDPROOF installations, please refer to the specific documents available.

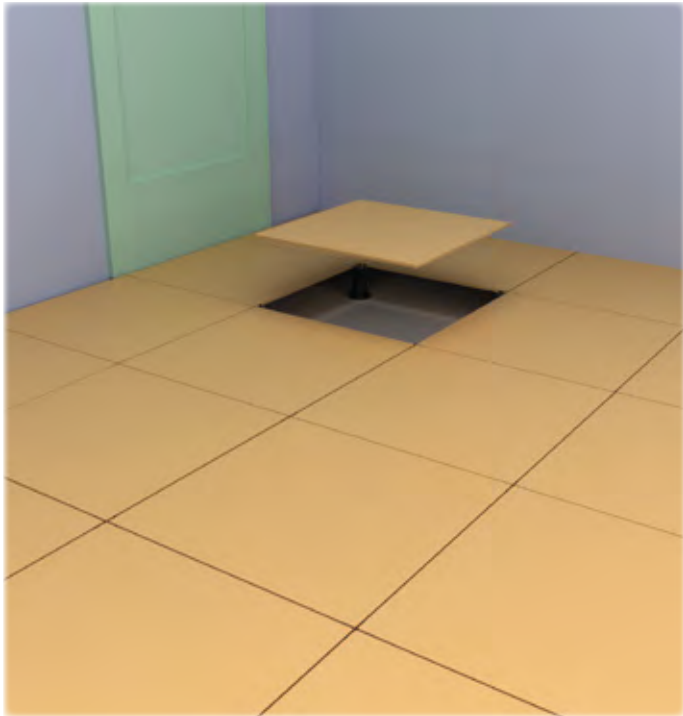


3- INSTALLING THE PERIMETER

In the perimeter panels, break the spacers on the plot head in order to carry the panel to the edge of the flooring.
Glue the perimeter panels to the plot head with p-404.



Where necessary, cut the ceramic tiles using a suitable disc and water-cooled cutting machine. When the flooring perimeter borders a rigid wall, seal the perimeter joint with polyurethane foam to prevent movement of the plots and panels.



Cover the joint with the chosen skirting or baseboard.
When the flooring perimeter is exposed and needs to be covered, butech can offer different solutions.



RESIDENTIAL PROJECT - CARLET
ARCHITECT: FERNANDO GOZÁLBEZ BLASCO
PHOTOGRAPHY: ADRIÁN MORA

MANHATTAN COLONIAL ANT.

Raised Access Flooring outdoor

System accessories

End profile for RAFx

Butech's top profile is a solution to hide the aesthetic inconvenience that occurs when a step has to be made with the Raised Floor. This profile, in addition to hiding the edge of the ceramic piece, allows us to anchor a vertical piece to the plot to hide the body of the plots*

Made of aluminum, and with a length of 47 1/4" approx (1200mm), it can be used in thickened tiles (**SAP:** 100280081) with a 3/4" (20mm) depth, and in double-piece tiles (**SAP:** 100290783) with a 15/16" (23mm) depth. For a correct clamping of the vertical piece from its lower part, several units of the Lower Clip (**SAP:** 100253748) will be necessary.

***Option valid only for Plot N**





System step accessories

Vertical Enclosure Clip

Made of the highest stainless steel quality, and essential to finish a floor with no perimeter wall or enclosure.

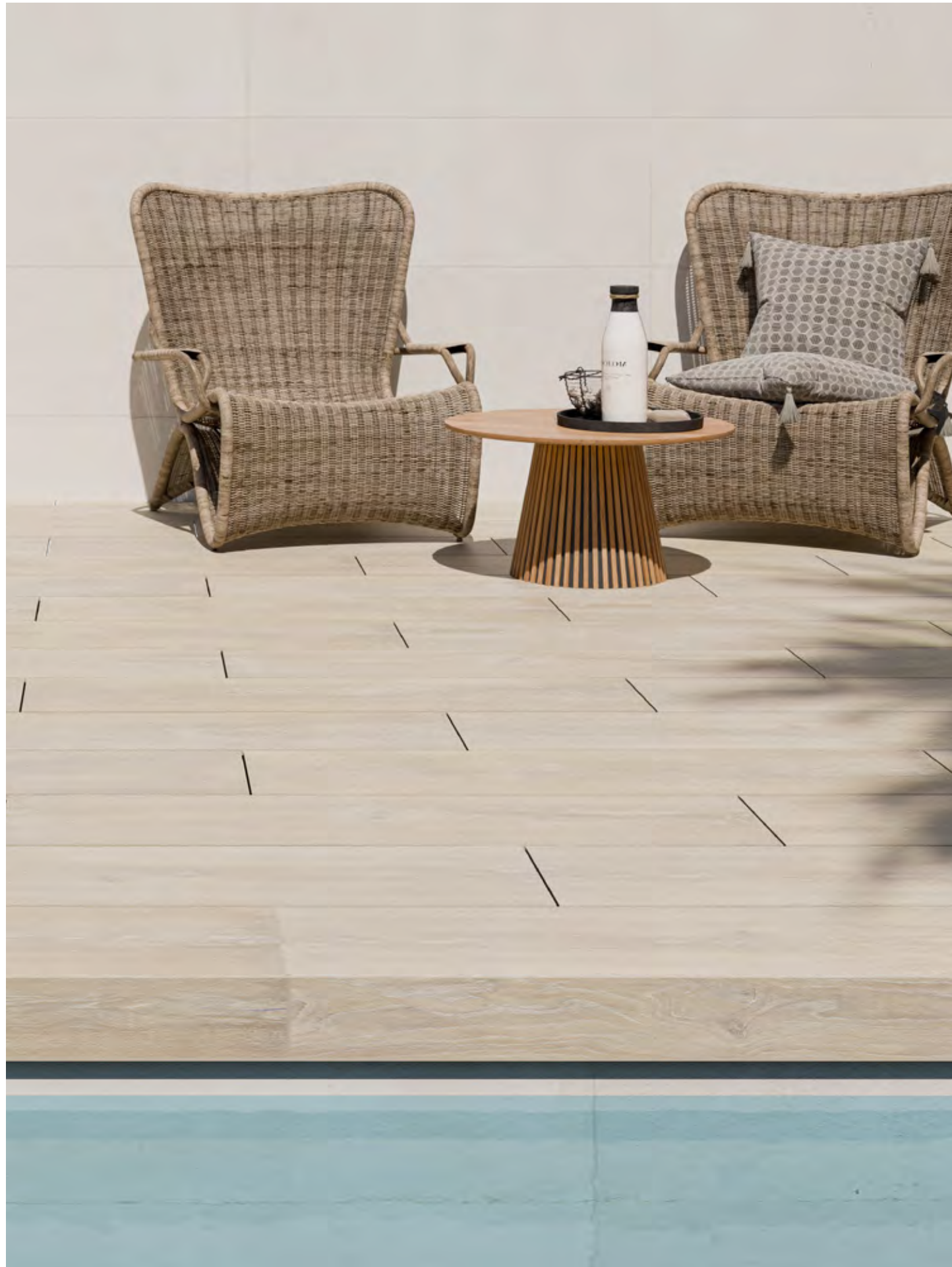
These clips have two components: upper clip, fixed to the pedestal head, and lower clip, which goes on a previously cut pedestal base.

The perimeter panels are easily installed with these clips (**SAP: 100253729**).

For a correct installation, the pedestal base has to be cut as shown in the images.

***Only compatible with Plot N.**





Coping piece

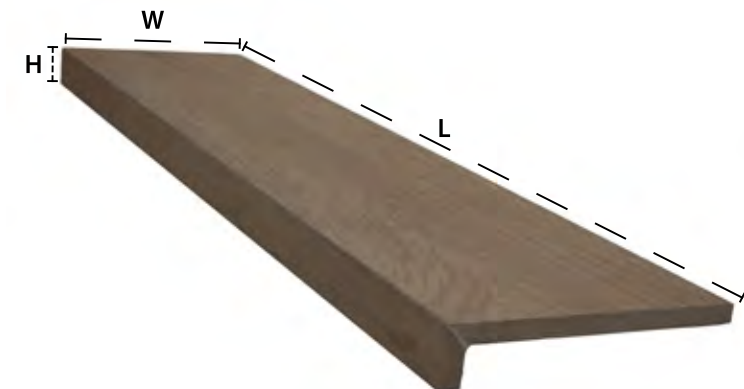
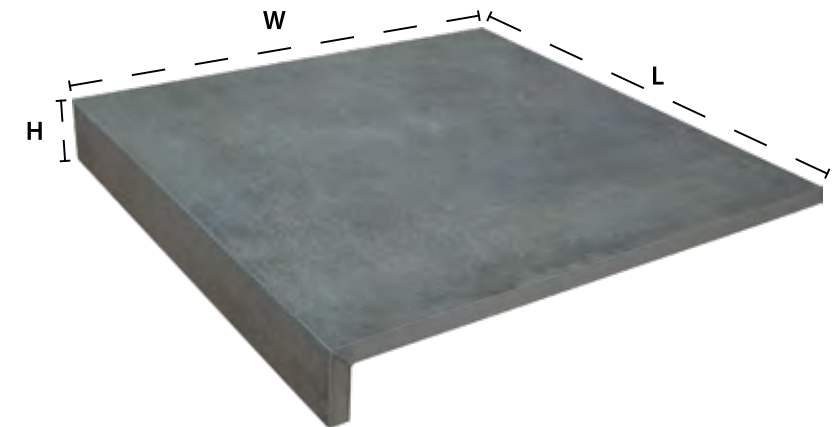
These steps stand out for their straight design on the front and their uniform, modern appearance, where the front's tone matches that of the tread surface. For increased durability, the connection between the tread and the front includes a micro-bevel that minimizes the risk of impact damage.

The mitered design between the tread and riser creates a defined, clean angle, which also allows for the riser's dimensions to be adjusted according to specific needs.

The custom-made L-shaped solid piece offers a unique, seamless finish for any required termination.

Its most common use is in finishing Outdoor Raised Floors, stairs, and pool edges.

H = Height*
W = Width*
L = Length*



SAP
100333194

* Custom dimensions



RESIDENTIAL PROJECT - ALICANTE
ARCHITECT: E2B ARQUITECTOS

BERNA CALIZA ANT-1

Raised Access Flooring outdoor

How to quote an outdoor RAFx

Information needed

- Provide plans (with dimensions)
- Tile and size to be used
- Perimeter heights (to the desired height of the deck with panel included)
- Drain locations
- Drain heights (to the desired height of the deck with panel included)
- Threshold heights (to the desired height of the deck with panel included)
- Desired tile pattern

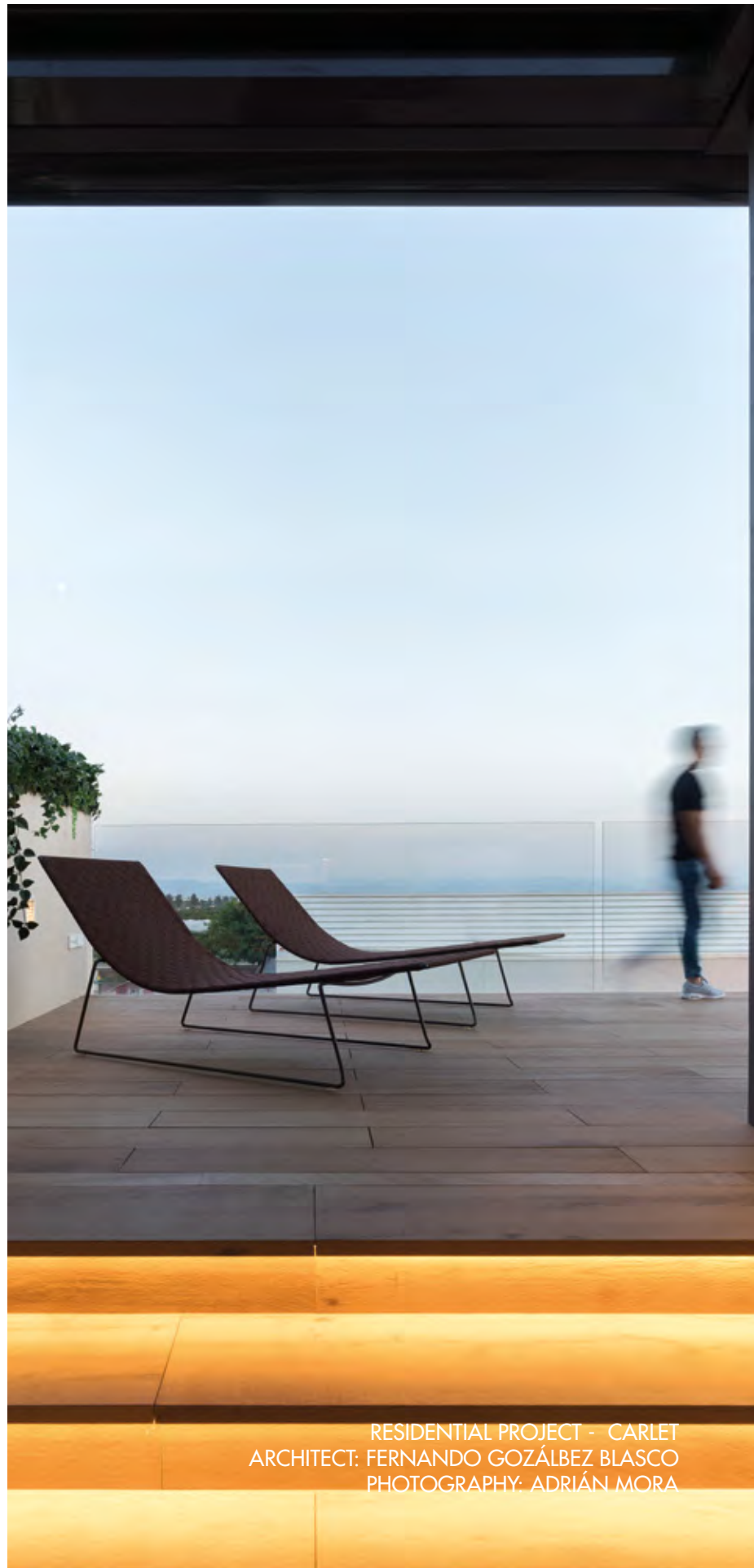
Once this information is received, butech will provide with pricing for different installation options with different pedestals layouts under the panel, depending on the breaking load required. A drawing with a complete layout is also supplied.



Raised Access Flooring outdoor

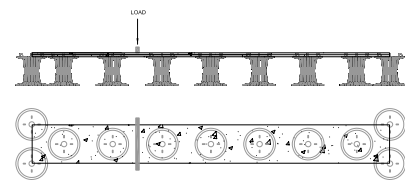


RESIDENTIAL PROJECT - VALENCIA
ARCHITECT: MANAS ARQUITECTURA
PHOTOGRAPHY: DAVID ZARZOSO

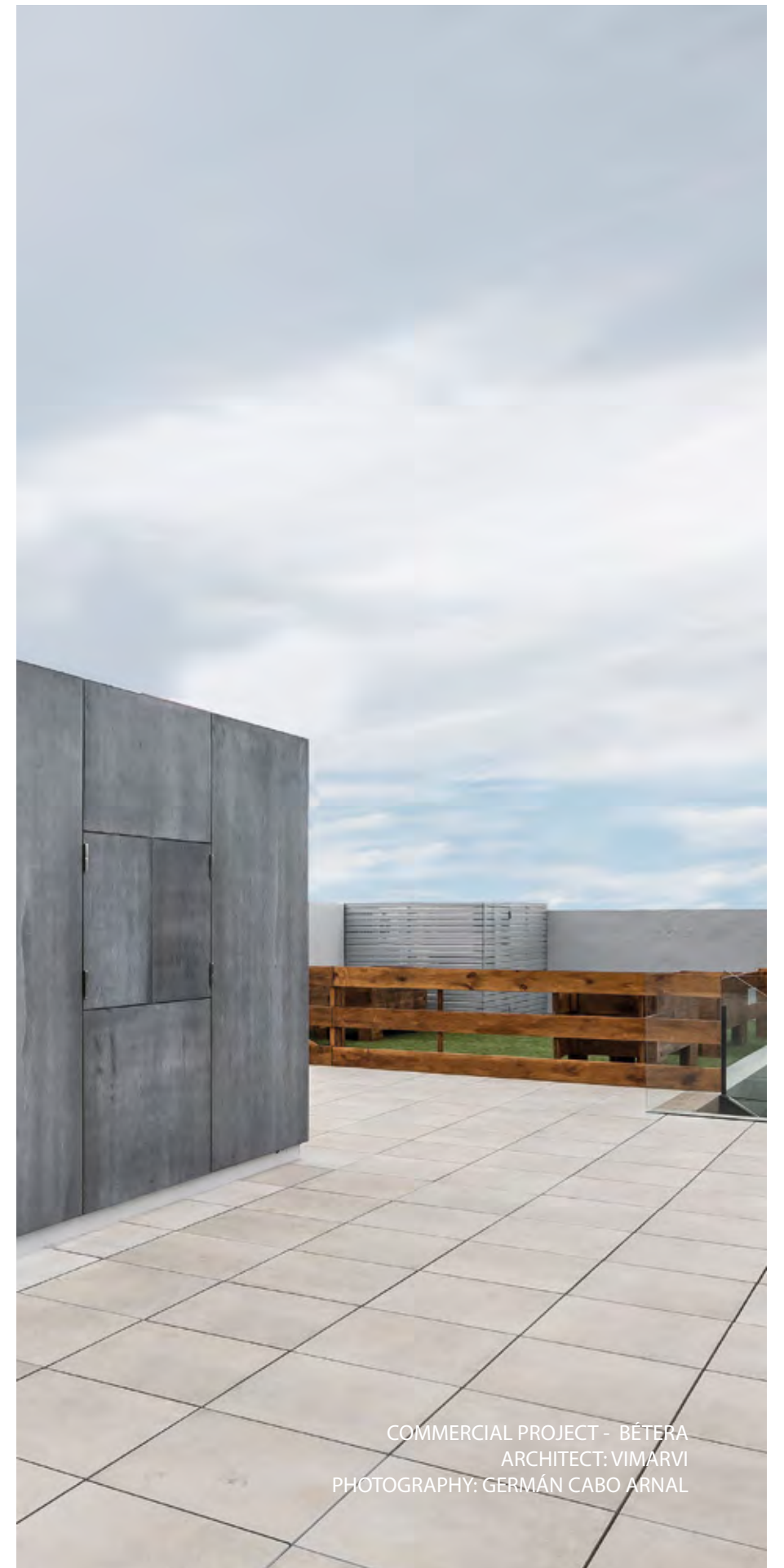
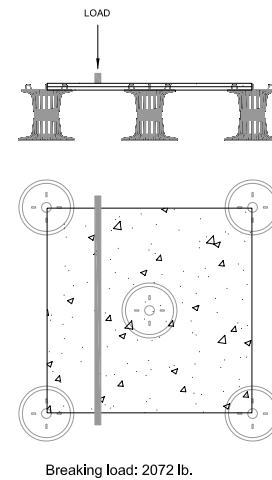


RESIDENTIAL PROJECT - CARLET
ARCHITECT: FERNANDO GOZÁLBEZ BLASCO
PHOTOGRAPHY: ADRIÁN MORA

1. **Reference:** Carlet Vic Projects
2. **Location:** Carlet, Valencia
3. **Area:** 861 SQF
4. **Double tile:** Manhattan Colonial 75/8" x 707/8"
5. **Pedestal layout:**



1. **Reference:** El gordo y el flaco restaurant
2. **Location:** Bétera (Spain)
3. **Area:** 760 SQF
4. **Double tile:** Rox Grey Ant. 23 27/32" x 23 27/32"
5. **Pedestal layout:**

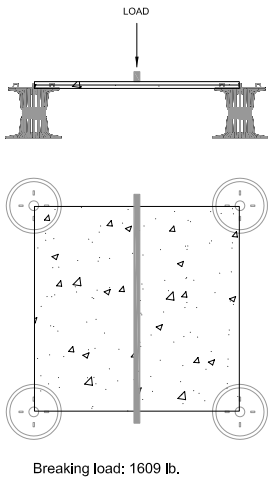


COMMERCIAL PROJECT - BÉTERA
ARCHITECT: VIMARVI
PHOTOGRAPHY: GERMÁN CABO ARNAL

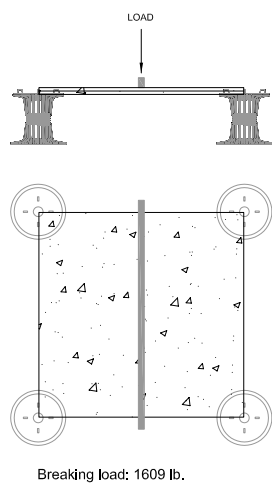


RESIDENTIAL PROJECT - JEREZ DE LA FRONTERA
ARCHITECT: PEDRO REGUERA

1. **Reference:** Residential Project
2. **Location:** Jerez de la Frontera, Cádiz
3. **Area:** 2,260 SQF
4. **Double tile:** Dover Caliza Antislip 23 1/2" x 23 1/2"
5. **Pedestal layout:**



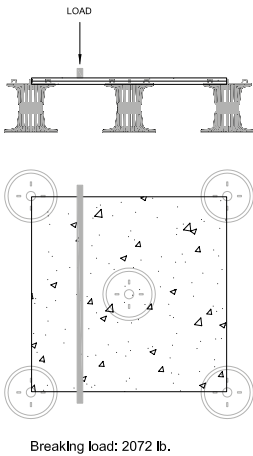
- 1. **Reference:** Stout condos project
- 2. **Location:** Denver (USA)
- 3. **Area:** 1,686 SQF
- 4. **Double tile:** Rox Coal Ant.
23 27/32" x 23 27/32"
- 5. **Pedestal layout:**



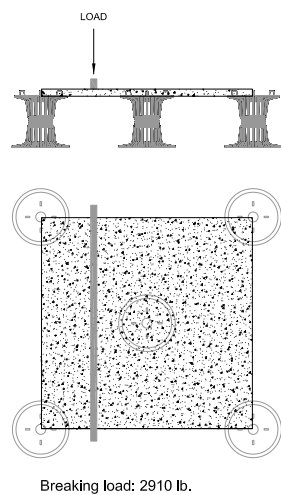


HOSPITALITY PROJECT - HOTEL LUX ISLA
 COMPANY: LUX ISLA SL - DECORATION: AIXUT INTERIORISME

1. **Reference:** Hotel Lux Isla
2. **Location:** Ibiza, (Spain)
3. **Area:** 1,883 SQF
4. **Double tile:** Bottega Caliza Ant. 231/2" x 231/2"
5. **Pedestal layout:**



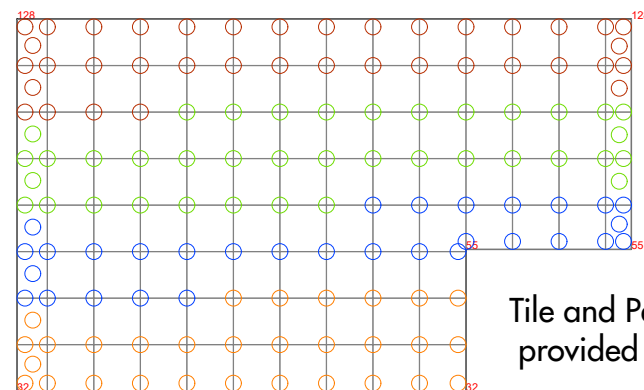
- 1. **Reference:** The Envoy
- 2. **Location:** Washington (USA)
- 3. **Area:** 1,453 SQF (Windproof System)
- 4. **Double tile:** West Coal Ant. 23 27/32" x 23 27/32"
- 5. **Pedestal layout:**



RESIDENTIAL PROJECT - WASHINGTON D.C.
ARCHITECT: ERIC COLBERT & ASSOCIATES

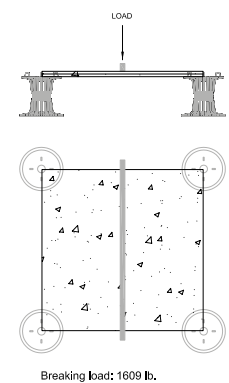


RESIDENTIAL PROJECT - SEATTLE, WA
CONTRACTOR: MACPHERSON CONSTRUCTION & DESIGN
PHOTOGRAPHY : KAYLA ESPARZA PHOTOGRAPHY



Tile and Pedestal Layout
provided by **butech**

1. **Reference:** Miller Sunken Patio
2. **Location:** Bellevue, Washington
3. **Area:** 366 SQF
4. **Double tile:** Krono-Clay Nature
23 1/2" x 23 1/2"
5. **Pedestal layout:**



Breaking load: 1609 lb.



FLOOR TILES

BOTTEGA

Rectified Porcellanato Tiles · Coloured Biscuit
Concrete



BOTTEGA CALIZA ANTISLIP

24" x 24" x 13/16" · 59,6 x 59,6 x 2 cm	100285287
36" x 36" x 13/16" · 90 x 90 x 2 cm	100368869
24" x 47" x 13/16" · 60 x 120 x 2 cm	100323742
47" x 47" x 13/16" · 120 x 120 x 2 cm	100350765



BOTTEGA ACERO ANTISLIP

24" x 24" x 13/16" · 59,6 x 59,6 x 2 cm	100285276
36" x 36" x 13/16" · 90 x 90 x 2 cm	100368873
24" x 47" x 13/16" · 60 x 120 x 2 cm	100323637
47" x 47" x 13/16" · 120 x 120 x 2 cm	100350766

Packaging

24" x 24" x 13/16" · 2 PZ/CJ - 0,71 M²/CJ - 22,73 M²/PAL
36" x 36" x 13/16" · 1 PZ/CJ - 0,81 M²/CJ - 21,06 M²/PAL
24" x 47" x 13/16" · 1 PZ/CJ · 0,72 M²/CJ · 19,44 M²/PAL
47" x 47" x 13/16" · 1 PZ/CJ · 1,44M²/CJ · 25,92 M²/PAL

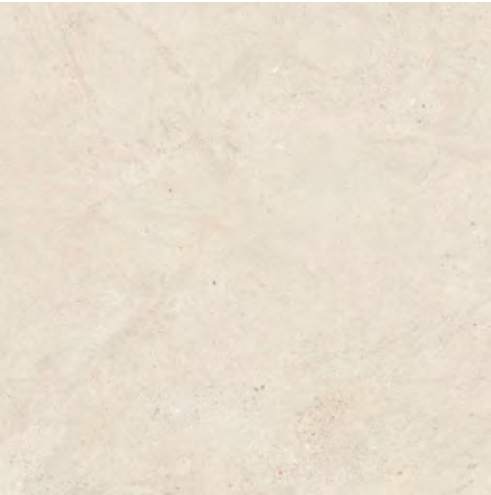
Includes 20mm tile, plots and installation accessories.





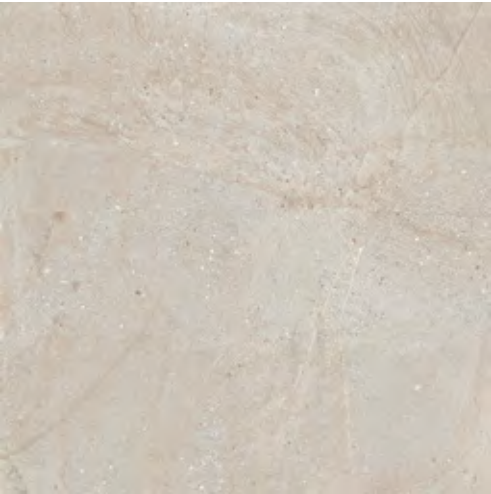
DURANGO

Rectified Porcellanato Tiles · Coloured Biscuit
Stone



DURANGO BONE ANTISLIP

24" x 24" x 13/16" · 59,6 x 59,6 x 2 cm	100308829
47" x 47" x 13/16" · 120 x 120 x 2 cm	100350772



DURANGO ACERO ANTISLIP

24" x 24" x 13/16" · 59,6 x 59,6 x 2 cm	100308870
24" x 47" x 13/16" · 60 x 120 x 2 cm	100323667

Packaging
24" x 24" x 13/16" · 2 PZ/CJ · 0,71 M²/CJ · 22,73 M²/PAL
24" x 47" x 13/16" · 1 PZ/CJ · 0,72 M²/CJ · 19,44 M²/PAL
47" x 47" x 13/16" · 1 PZ/CJ · 1,44M²/CJ · 25,92 M²/PAL

Includes 20mm tile, plots and installation accessories.



CORAL

Rectified Porcellanato Tiles · Coloured Biscuit
Stone



CORAL CALIZA ANTISLIP
47" x 47" x 13/16" · 120 x 120 x 2 cm 100350773

Packaging
47" x 47" · 2 PZ/CJ · 0,71 M²/CJ - 22,73 M²/PAL
Includes 20mm tile, plots and installation accessories.

BERNA

Rectified Porcellanato Tiles · Coloured Biscuit
Stone



BERNA ACERO ANTISLIP

24" x 24" x 13/16" · 59,6 x 59,6 x 2 cm

100308856

24" x 47" x 13/16" · 60 x 120 x 2 cm

100323966

Packaging

24" x 24" x 13/16" · 2 PZ/CJ - 0,71 M²/CJ - 22,73 M²/PAL

24" x 47" x 13/16" · 1 PZ/CJ · 0,72 M²/CJ · 19,44 M²/PAL

Includes 20mm tile, plots and installation accessories.



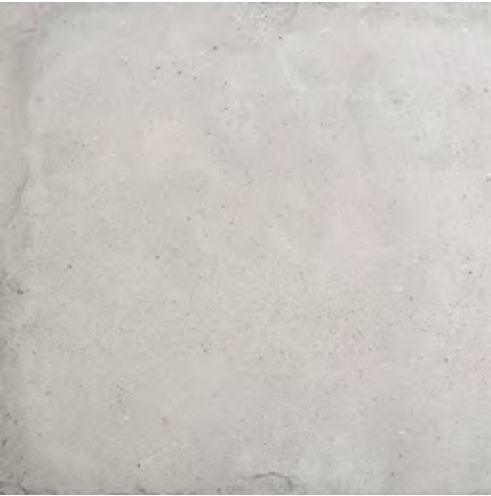
RESIDENTIAL PROJECT - ALICANTE
ARCHITECT: E2B ARQUITECTOS



RESIDENTIAL PROJECT - DENVER
ARCHITECT: ALVAREZ MORRIS ARCHITECTUE
PHOTOGRAPHY: IMOTO

HARLEM

Rectified Porcellanato Tiles · Coloured Biscuit
Concrete



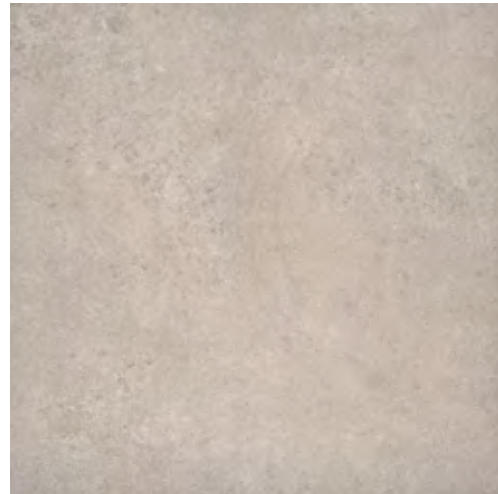
HARLEM ACERO ANTISLIP
24" x 24" x 13/16" · 59,6 x 59,6 x 2 cm 100308854

Packaging
24" x 24" · 2 PZ/CJ · 0,71 M²/CJ · 22,73 M²/PAL

Includes 20mm tile, plots and installation accessories.

ROX

Rectified Porcellanato Tiles · Coloured Biscuit
Stone



ROX COAL ANT. RECT.

24" x 24" x 13/16" · 59,6 x 59,6 x 2 cm

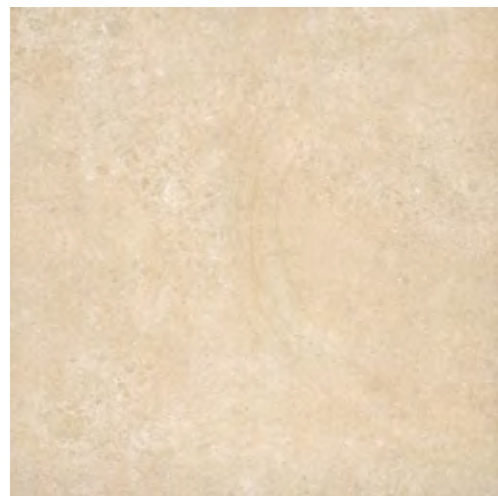
100167343



ROX NEW GREY ANT. RECT.

24" x 24" x 13/16" · 59,6 x 59,6 x 2 cm

100162534



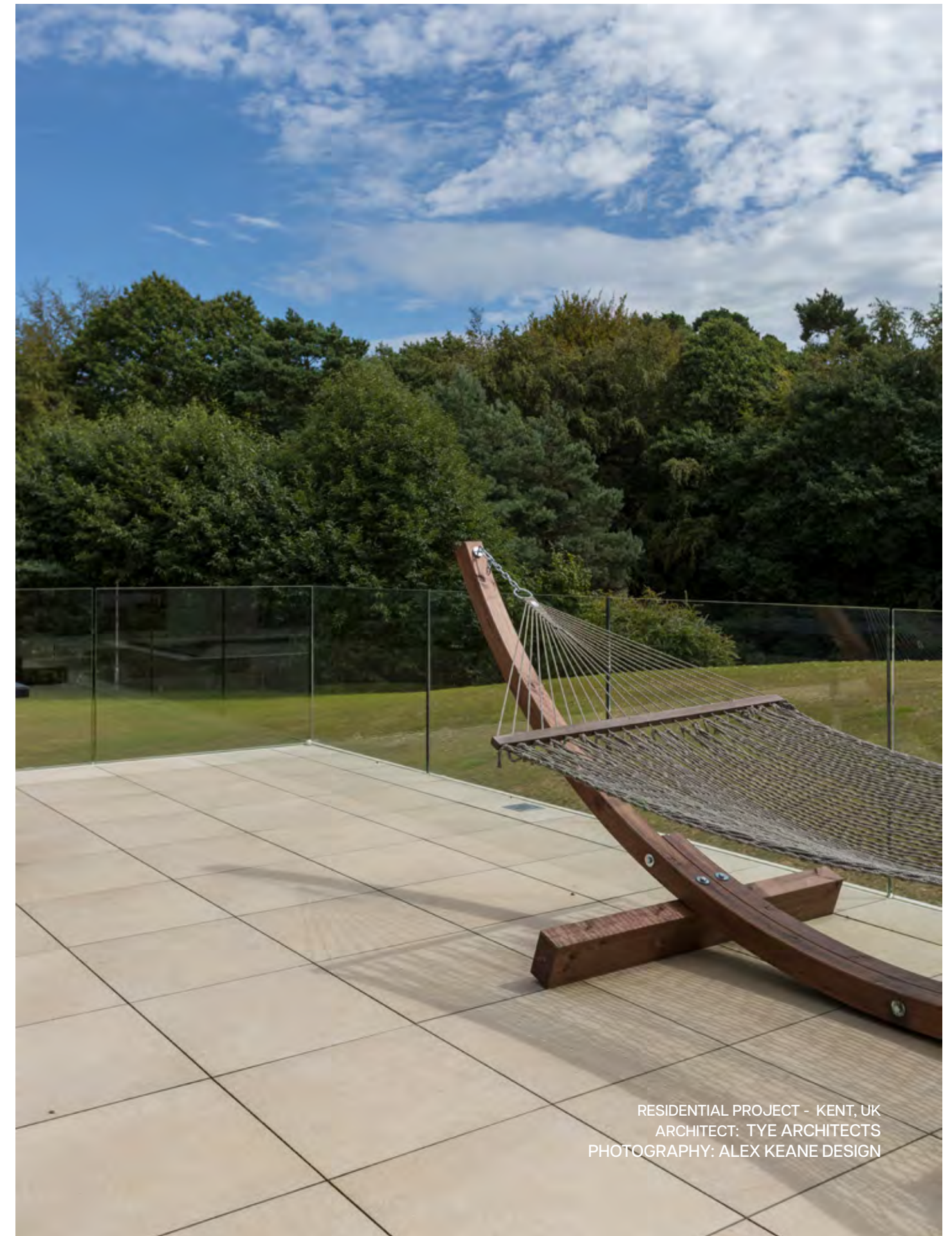
ROX NEW BEIGE ANT. RECT.

24" x 24" x 13/16" · 59,6 x 59,6 x 2 cm

100162750

Packaging
24" x 24" · 2 PZ/CJ - 0,71 M²/CJ - 22,73 M²/PAL

Includes 20mm tile, plots and installation accessories.



RESIDENTIAL PROJECT - KENT, UK
ARCHITECT: TYE ARCHITECTS
PHOTOGRAPHY: ALEX KEANE DESIGN

RIVEN

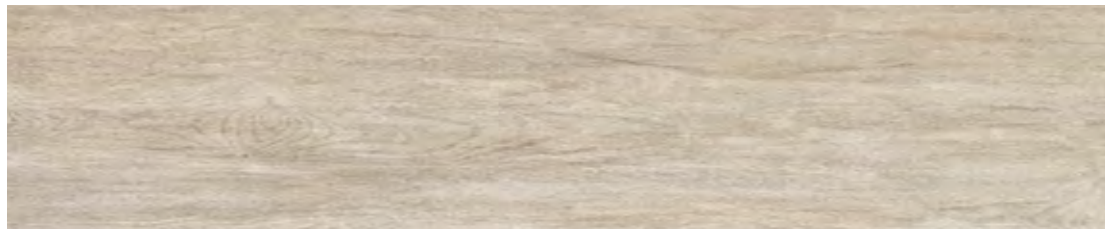
Rectified Porcellanato Tiles
Wood



RIVEN WHITE ANT. RECT.

11 5/8" x 47 1/4" x 13/16" · 29,5 cm x 120 cm x 2 cm

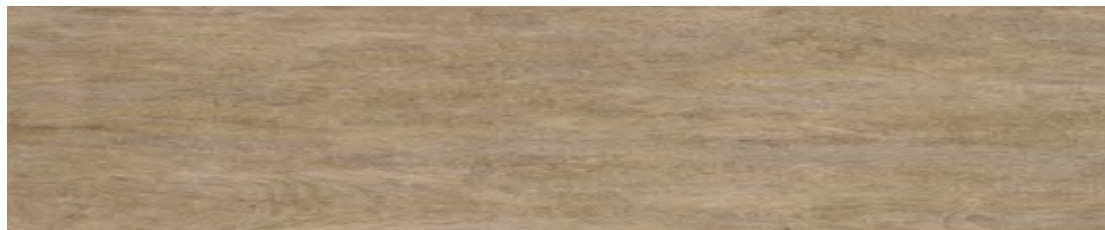
100229792



RIVEN CREAM ANT. RECT.

11 5/8" x 47 1/4" x 13/16" · 29,5 cm x 120 cm x 2 cm

100229737



RIVEN BROWN ANT. RECT.

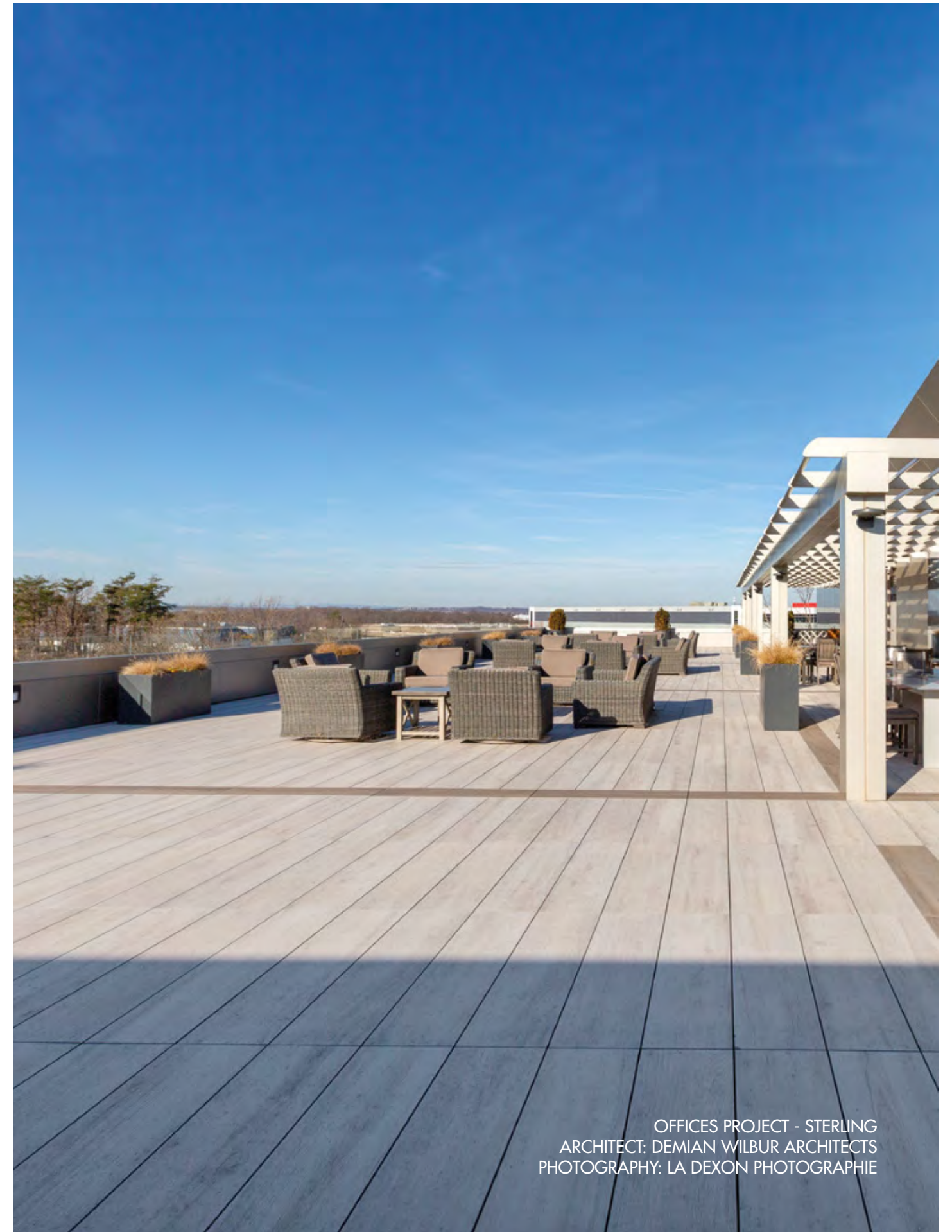
11 5/8" x 47 1/4" x 13/16" · 29,5 cm x 120 cm x 2 cm

100229775

Packaging

11 5/8" x 47 1/4" · 2 PZ/CJ · 0,708 M²/CJ · 22,66 M²/PAL

Includes 20mm tile, plots and installation accessories.



OFFICES PROJECT - STERLING
ARCHITECT: DEMIAN WILBUR ARCHITECTS
PHOTOGRAPHY: LA DEXON PHOTOGRAPHIE



TANZANIA

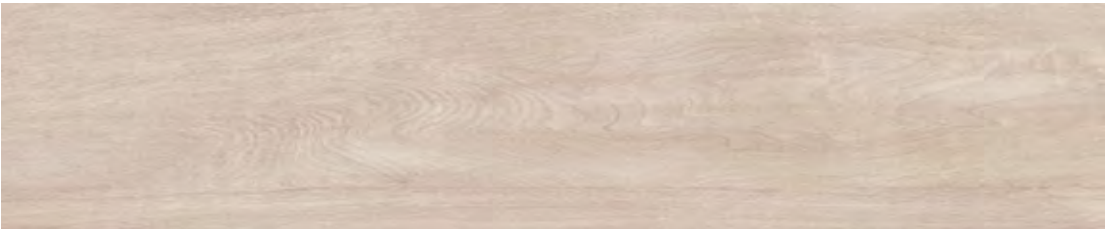
Rectified Porcellanato Tiles
Wood



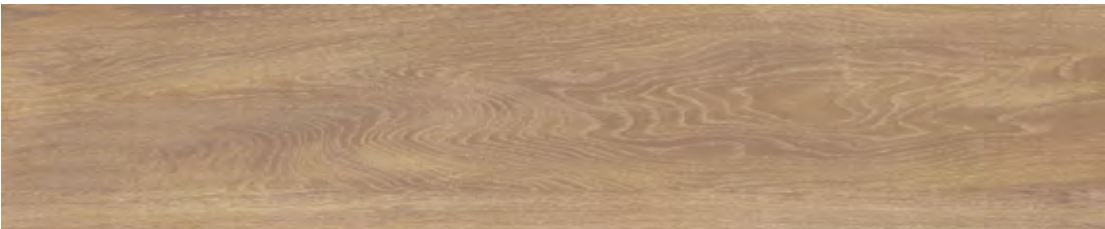
TANZANIA WHITE ANTISLIP
11 5/8" x 47 1/4" x 13/16" · 29,5 cm x 120 cm x 2 cm 100323793



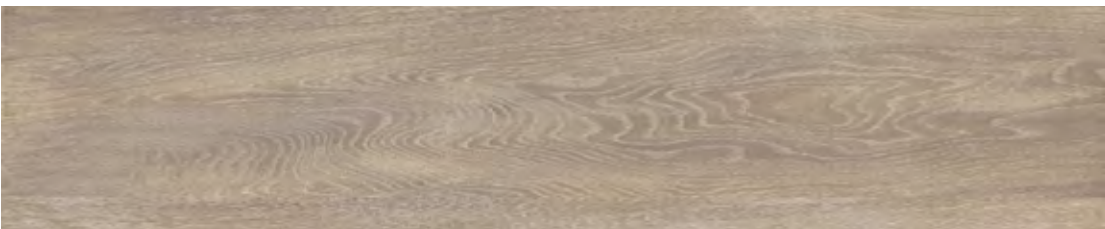
TANZANIA SILVER ANTISLIP
11 5/8" x 47 1/4" x 13/16" · 29,5 cm x 120 cm x 2 cm 100323767



TANZANIA NUT ANTISLIP
11 5/8" x 47 1/4" x 13/16" · 29,5 cm x 120 cm x 2 cm 100323785



TANZANIA ALMOND ANTISLIP
11 5/8" x 47 1/4" x 13/16" · 29,5 cm x 120 cm x 2 cm 100323765



TANZANIA NATURAL ANTISLIP
11 5/8" x 47 1/4" x 13/16" · 29,5 cm x 120 cm x 2 cm 100323766

Includes 20mm tile, plots and installation accessories. Packaging
11 5/8" x 47 1/4" · 2 PZ/CJ · 0,708 M²/CJ · 22,66 M²/PAL

DOUBLE TILE

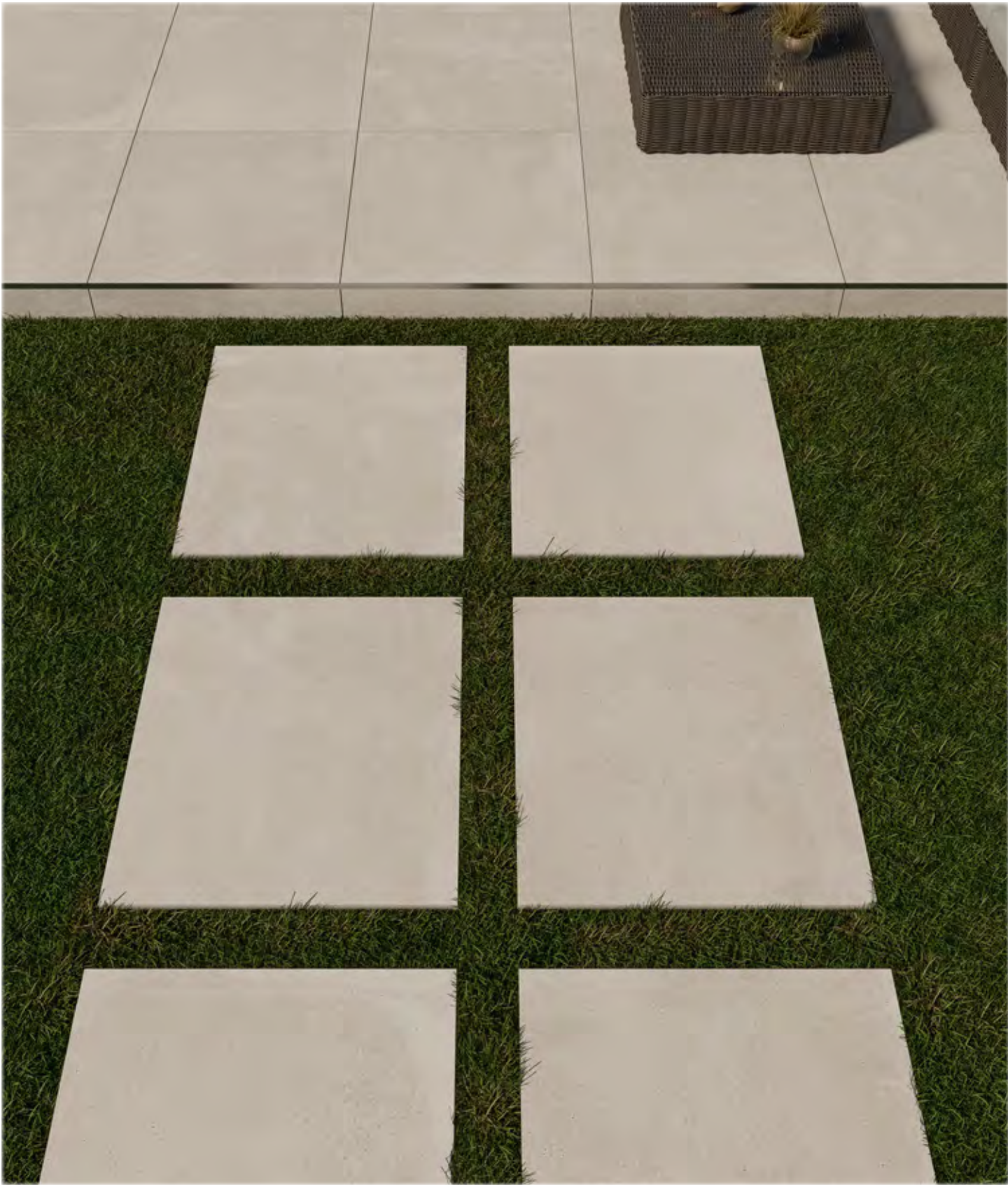
As an alternative to 3/4" (20mm) tiles, manufacturing thickened panels with any PORCELANOSA Grupo tile model is possible. The only requirement is choosing a 5/16" approx (8,5mm) thick tile available in anti-slip version.

Should you need more information please contact the butech technical department.



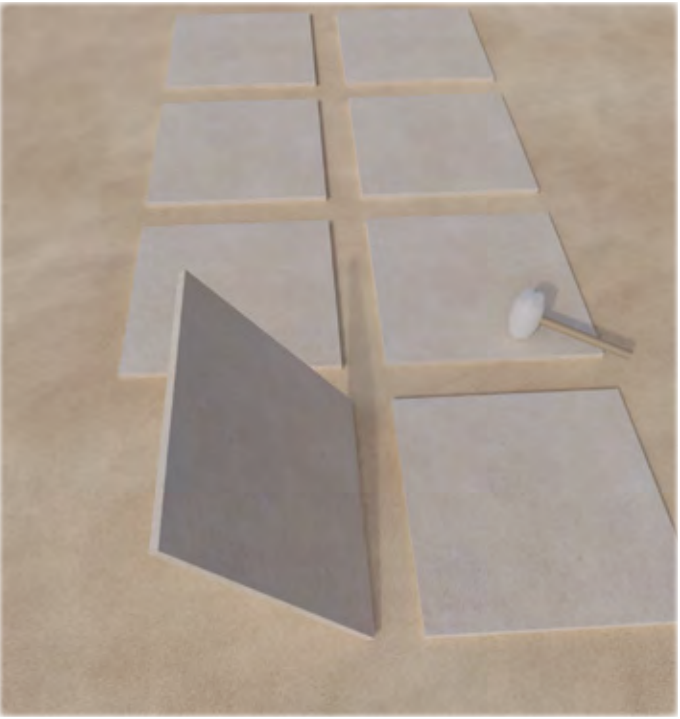
How to install the outdoor pavers

THIC'KER tiles can be used in a wide range of applications, from raised floors, where the 20 mm thick pieces are laid on plots, to dry laying on sand, gravel or even directly on the ground. Extraordinarily resistant to loads and weathering, these tiles are the best solution for terraces, gardens and, in general, all types of outdoor flooring.



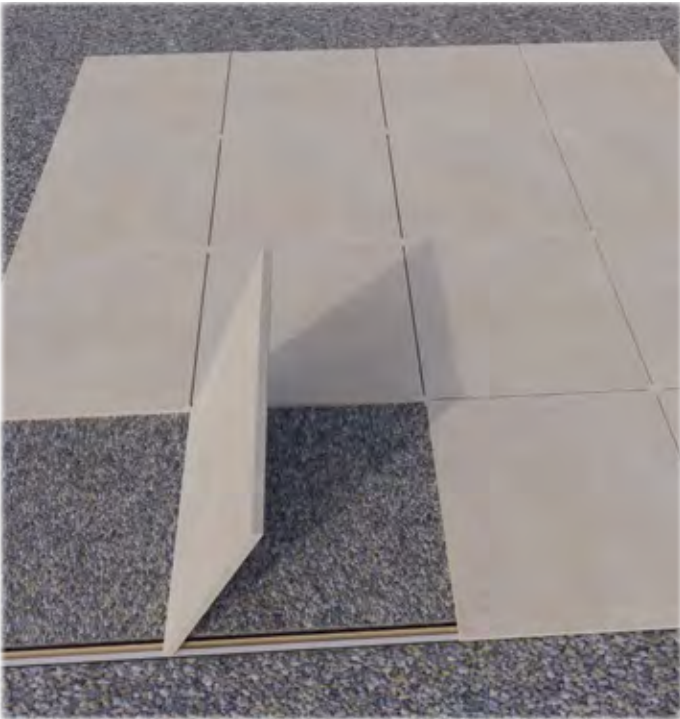
1- DRY INSTALLATION ON GRASS

Installation on the ground without leveling layer and regularization of cement mortar. Ideal for garden areas.



3- DRY INSTALLATION ON SAND

Installation similar to laying on gravel, but in which a layer of sand is used.



2- DRY INSTALLATION ON GRAVEL

THIC'KER tiles are laid on a layer of gravel without using any adhesive. It is the weight of the tiles themselves and the gravel present in the joints between tiles that keeps them fixed to the substrate.



4- THIN-BED INSTALLATION WITH CEMENTITIOUS ADHESIVE

Installation in terraces requires qualified personnel. It is only recommended to employ professionals with proven experience in this type of work.

PORCELANOSA USA

Five Year Standard Limited Warranty Outdoor Raised Acces Flooring

Application	Products
Exterior flooring	Butech and Porcelanosa exterior pavers and tiles. (including windproof)
Paver base	Butech S.A.U., adjustable pedestals (PLOTS)
Fixing clips	T and L shaped clips stainless Steel AISI316
Inserts and screws	INOX A2 KRION CATA DIAM41 and stainless Steel AISI316 screws
Construction adhesive	p-404

LIMITED WARRANTY

Porcelanosa in the United States of America and Canada (“Porcelanosa”) hereby warrants to the original buyer (“Buyer”) that Outdoor Raised Acces Flooring (“System”) sold by Porcelanosa in the United States of America and Canada (see exclusions), as delivered, will be reasonably free of defects in materials and workmanship, and when properly handled, stored, maintained and installed, will conform, within industry-accepted tolerances, to applicable manufacturing specifications, and maintain mechanical qualities, water tightness and frost resistance, when system is installed in accordance with Porcelanosa’s latest, published installation instructions.

Subject to the conditions and limitations stated below, Porcelanosa warrants that the products and finish listed on this document that comprise the System will be free from manufacturing defects and will not break down or deteriorate under normal usage for the five (5) years when installed for the standard application, in accordance with the Porcelanosa Outdoor Raised Access Flooring installation instructions and local industry standard guidelines. For this limited warranty to apply, the applications that comprise the installation must be performed with the products listed in this document for each applicant (refer to chart).

This warranty is applicable to installations only in the United States of America and Canada (see exclusions).This warranty obligation only applies to a System that becomes structurally unfit due to mismanufacture by Porcelanosa. This limited warranty shall commence upon date of system purchase (regardless of installation date).

DISCLAIMER

EXCEPT AS EXPRESSLY SET FORTH ABOVE, PORCELANOSA MAKES NOWARRANTIES EXPRESS OR IMPLIED REGARDING ITS PRODUCTS, AND HEREBY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

EXCLUSIONS

The following are specifically excluded from coverage under this warranty:

1. Structural failure or failure arising from incorrect design of structure, movement of building materials to which System is attached or installed, building compression/ settlement/vibration (or sagging or warping in association therewith) or noncompliance to design specifications, shop drawings as provided, or to any local building codes.
2. Damages caused by Acts of God, including, but not limited to hurricane, flooding, earthquake or other types of natural disasters.
3. Damages caused by physical abuse, acts of war, vermin or insect infestation or other chemical or biological factors,
4. Resulting from unforeseen circumstances; acts of negligence, or product misuse or abuse; unreasonable use or failure to provide reasonable and necessary maintenance; failure to comply with Porcelanosa technical data sheets and other written instructions, applicable building codes and regulations, and standard industry practices;
5. Variations of color, shade or texture from those shown on samples, product packaging or any other marketing materials; changes in color or fading resulting from direct exposure to sunlight or partial exposure to a light source;
6. Normal wear and tear resulting from usage and cracking due to structural movement of the building in which the System is installed, excessive deflection or other failure of the substrate.
7. Any changes made to the System, not previously approved by Porcelanosa, including but not limited to, penetrations, inserts, field cuts, miters or kerfs, finishing/coating, or any improper use of the system.
8. Growth of mold or other microbial growth.
9. In case that the exterior raised access flooring cannot drain 100% of the water remaining on its surface, an auxiliary cleaning or drying must be addressed, especially under freezing conditions.
10. The porcelain tiles are manufactured with the necessary thickness to withstand the ultimate tensile strength pointed out, not implying that if there were strong impacts on the tiles, they could not be broken.

NO ASSIGNMENT

This limited warranty is not transferable or assignable.

EXCLUSIVE REMEDY

As the sole and exclusive remedy for a breach of this limited warranty, **Porcelanosa** will pay for the replacement of the System (which shall consist of its own products and replacement of finishing materials, as well as for the replacement installation), but **Porcelanosa** will not pay more for the replacement, calculated on a square-foot (or square-meter) basis, than the original purchase price of the portion being replaced. **Porcelanosa** will not pay for replacement of any portion of the installation that is not proven to be defective. In no event, whether in contract, tort (including negligence), strict liability or otherwise, will Porcelanosa be liable for special, indirect, incidental or consequential damages, including but not limited to gross profits, loss of property value or loss of use of property.

In the event that the sole and exclusive remedy described above fails of its essential purpose, the liability of **Porcelanosa** is limited to the monetary value, on a square-foot (or square-meter) basis, of the original purchase price of the portion of the System being replaced following one (1) year from purchase of the System, the depreciated retail cost shall be deemed to be the original purchase price at which the original customer purchased the System; during the 2nd year through the 5th year, the depreciated retail cost shall be reduced at the rate of 5% per year and claims shall be paid out in accordance to this depreciation scale.

HOW TO MAKE A CLAIM

To make a claim under this limited warranty, Buyer must notify Porcelanosa in writing within thirty (30) days of the discovery of the alleged manufacturing defect. As a condition of this limited warranty, Buyer will be required to provide proof of product purchase and use.

Address your claim to:

Porcelanosa Corporate Office

600 NJ-17, Ramsey, NJ 07446 Phone: +1 201 995-1310

Fax +1 201 995 1960

info@porcelanosa-usa.com

LEGAL ACTION:

Any legal proceeding, action or suit against Porcelanosa relating to this limited warranty shall be barred if not initiated within one (1) year of the date Buyer discovered or should have reasonably discovered product non-conformity of the System with this limited warranty.

Data Sheets/Information instructions and guidelines are subject to change without notice. For latest revision, check our website at <https://www.porcelanosa-usa.com/raised-access-flooring-new/>



Raised Access Flooring outdoor

butech

PORCELANOSA Grupo

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Ctra. Vila-real - Puebla de Arenoso
(CV-20) Km 2,5. Vila-real (Spain)

+34 964 53 62 00

butech@butech.es



www.butech.net

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