



**MBRICO**

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*decks • rooftops • hardscape*

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**MBRICO**

Porcelain tile decks, flat-roofs, balconies and landscapes  
**CRAFTED FOR YOU.**

## INDEX

10 ICONIC YEARS 2  
Mbrico – The Absolute Opposite of Ordinary

DECKS ON CONVENTIONAL FRAMING 5  
The Spirit of Mbrico

ROOFTOP TRACK SYSTEM 18  
Enter the Upper Atmosphere

BACKED BY MBRICO 28  
Raise Your Expectations

WIND UP-LIFT 35  
Mother Nature's Match

HARDSCAPE 41  
For A Connected World

A COMPLETE SYSTEM AND SPECIAL PIECES 48  
Tailor Made Outdoor Spaces

SIGNATURE STYLES, SIZES AND COLORS 60  
The Mbrico Design Language

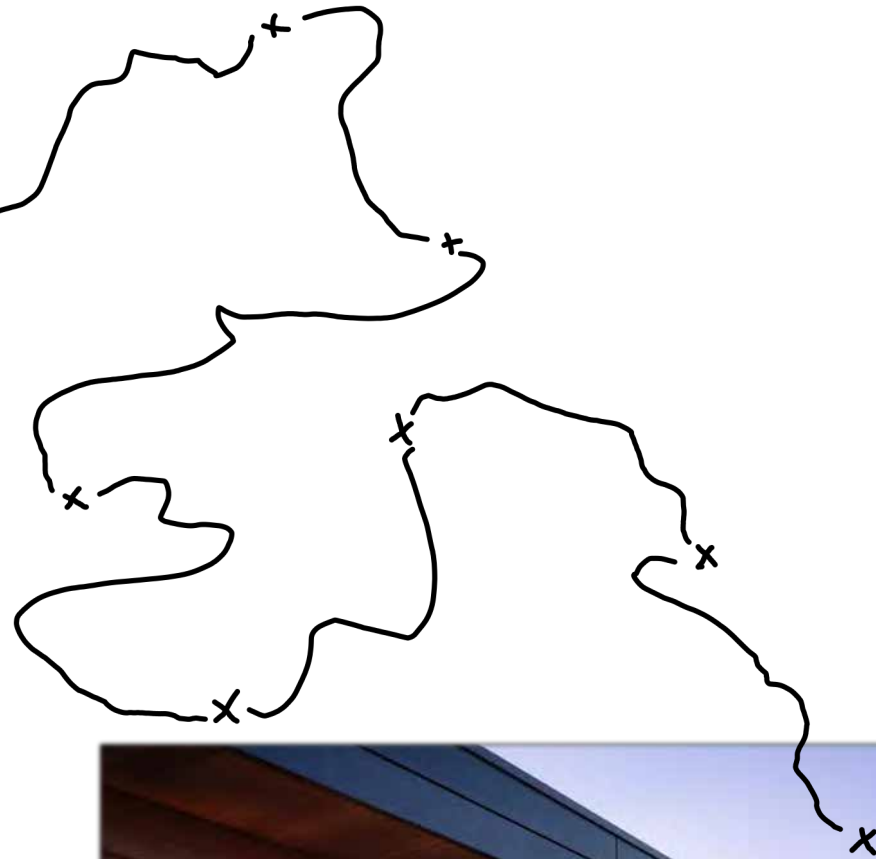
MBRICO TECHNICAL SPECIFICATIONS 70  
Force of Nature

*...Make Your Best Decisive Move*









## 10 ICONIC YEARS

- 2009** – First Prototype Designed
- 2011** – First Porcelain Deck Installed – Princeton, IA
- 2012** – First Porcelain Rooftop Installed – Taylor Ridge, IL
- 2013** – Mbrico Opens Original Manufacturing Facility in Moline, IL
- 2015** – Mbrico Win's North American Deck and Railing Association 1<sup>st</sup> Place *"People's Choice Award"*
- 2015** – Mbrico Doubles Previous Year's Sales
- 2016** – Mbrico Win's North American Deck and Railing Association 1<sup>st</sup> Place *"People's Choice Award"*
- 2016** – Award for NAHB IBS Show Finalist for *"Best Outdoor Living Product"*
- 2016** – *This Old House Magazine* Editor's Pick
- 2016** – Mbrico Opens New Facility in Eldridge, IA
- 2017** – Mbrico Doubles Previous Year's Sales
- 2017** – Mbrico Becomes American Institute of Architects Accredited
- 2018** – Mbrico Designs Rooftop System to Reach Hurricane Wind Up-Lift Approval
- 2018** – Featured in *Architectural Digest Magazine*
- 2018** – Mbrico Triples Previous Years Sales
- 2019** – Receives Award for NAHB IBS Show Finalist for *"Global Innovation"*





THE OUTDOORS ARE RICH  
IN WONDERS...







HERE'S A UNIQUE ONE

# decks

on conventional framing





# DECKS

*Striking products delivered in a comprehensive, easy to install package.*

Mbrico offers the industry's first complete, comprehensive, ready to install, grout free tile decking system. With a focus on engineering and a background in homebuilding, Mbrico has developed the simplest, strongest, most cost-effective tile decking surface the industry has ever seen.

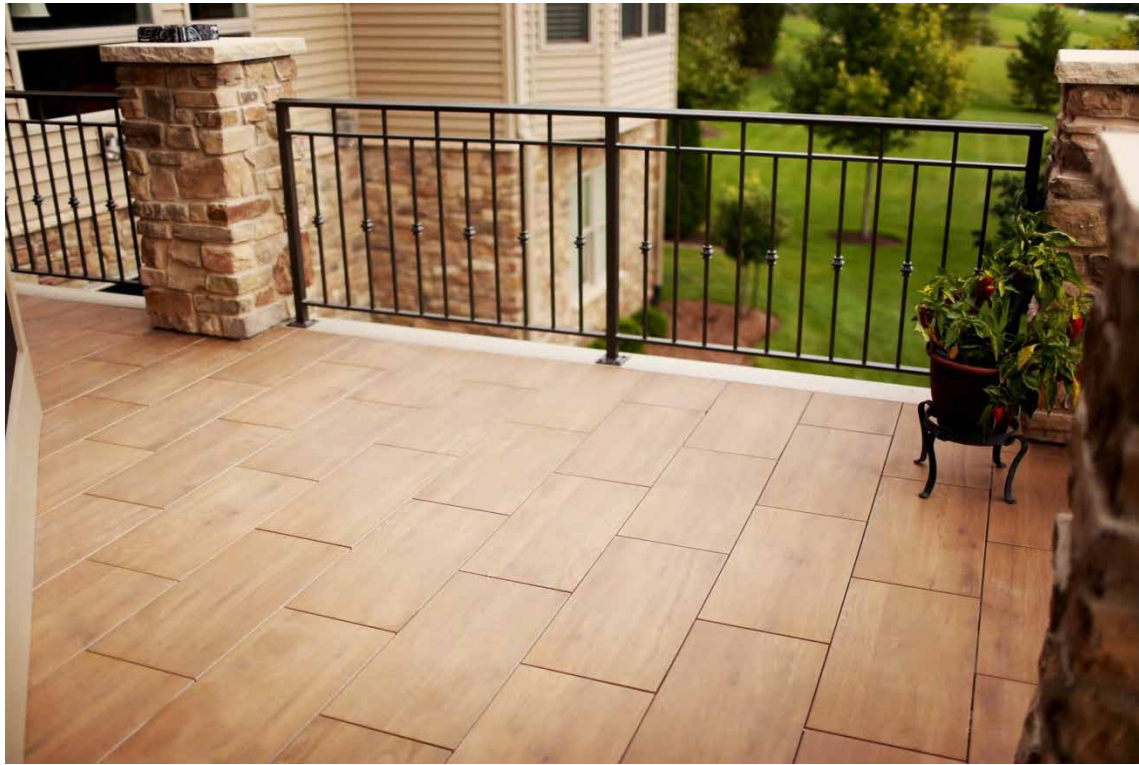




# UNIQUE ELEGANCE







## CHALLENGING EVERYTHING

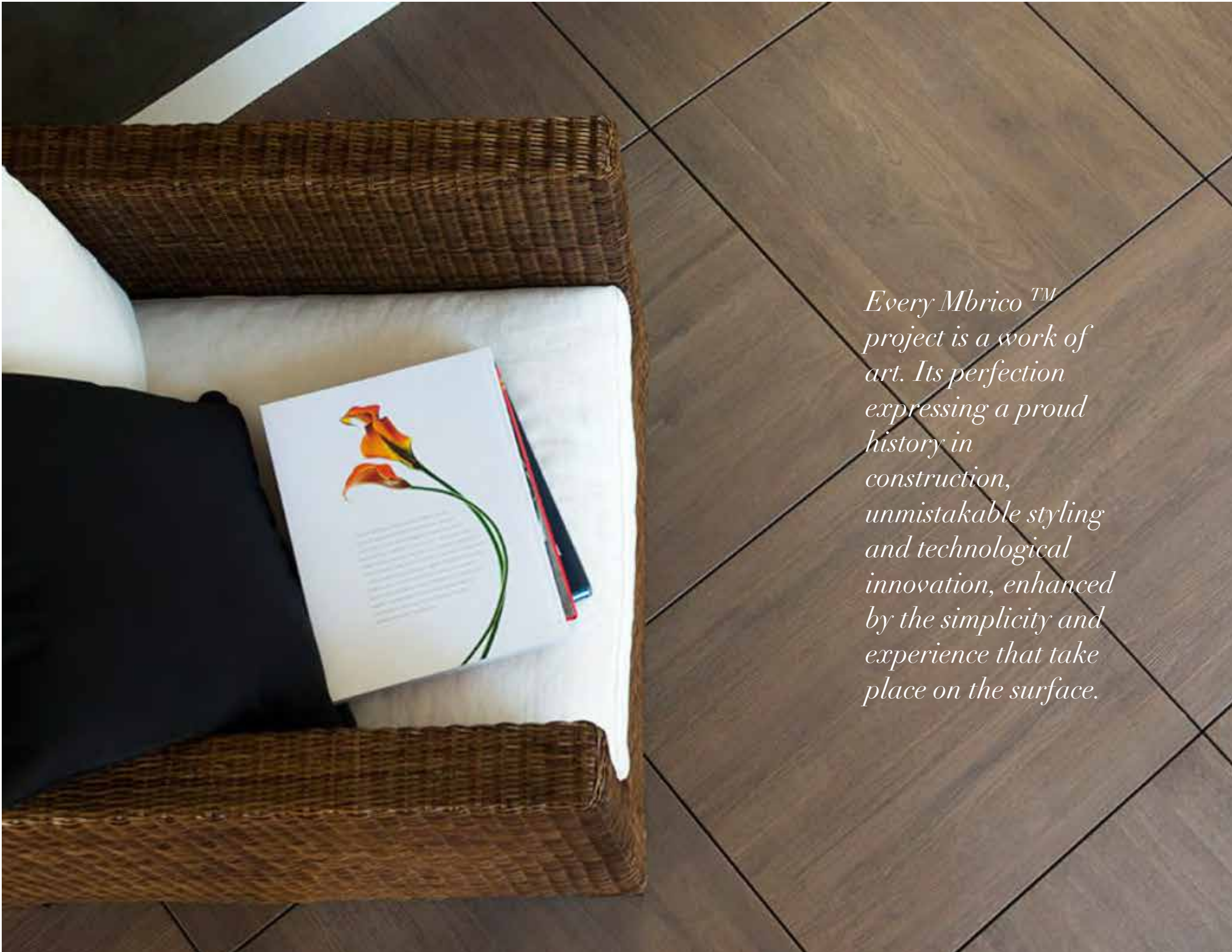
Outdoor deck spaces to be conquered, designs in perfect harmony with their surroundings. Technology and nature, ideas and passion, earth and sky. Beneath the sun and the stars, there's a whole new world to be discovered.



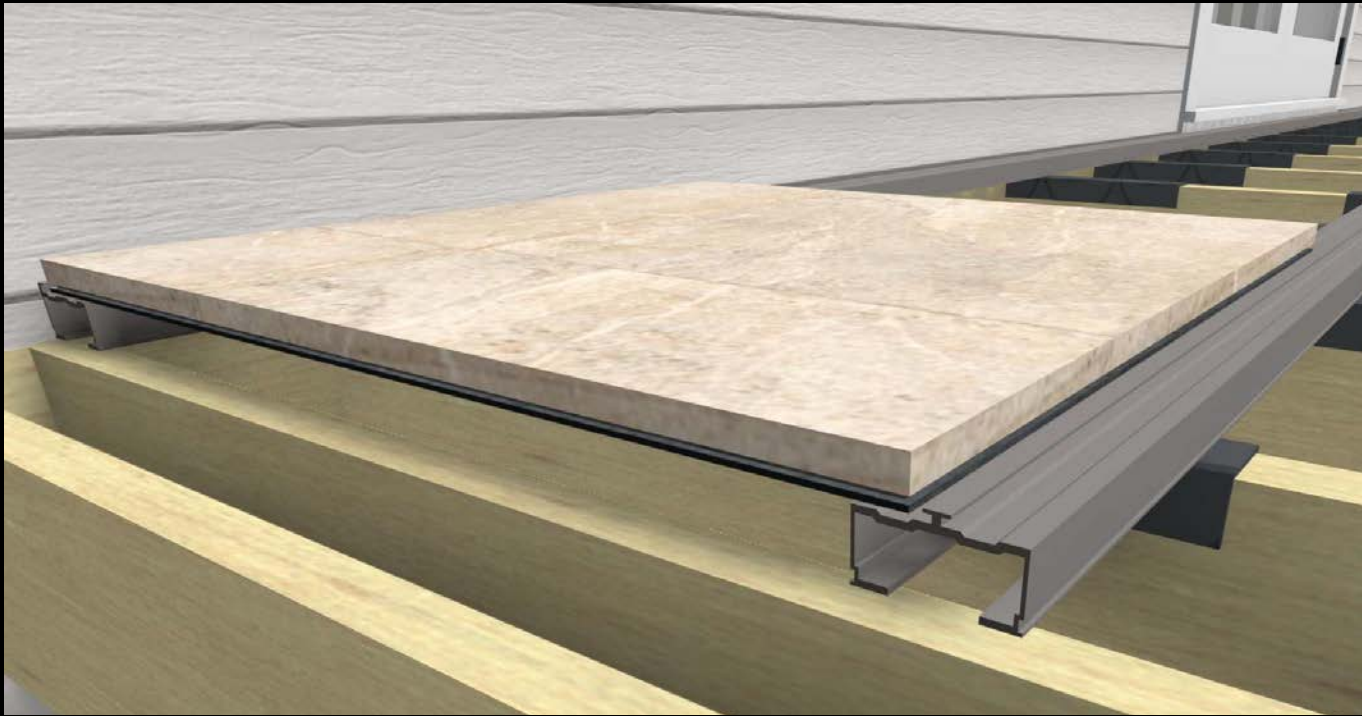
## LUXURY REDEFINED

Mbrico means passion, innovation, engineering and the eternal quest for perfection and simplicity. Whether you like traditional, modern, contemporary, rustic or your own unique style. We have an option for you.





*Every Mbrico<sup>TM</sup>  
project is a work of  
art. Its perfection  
expressing a proud  
history in  
construction,  
unmistakable styling  
and technological  
innovation, enhanced  
by the simplicity and  
experience that take  
place on the surface.*

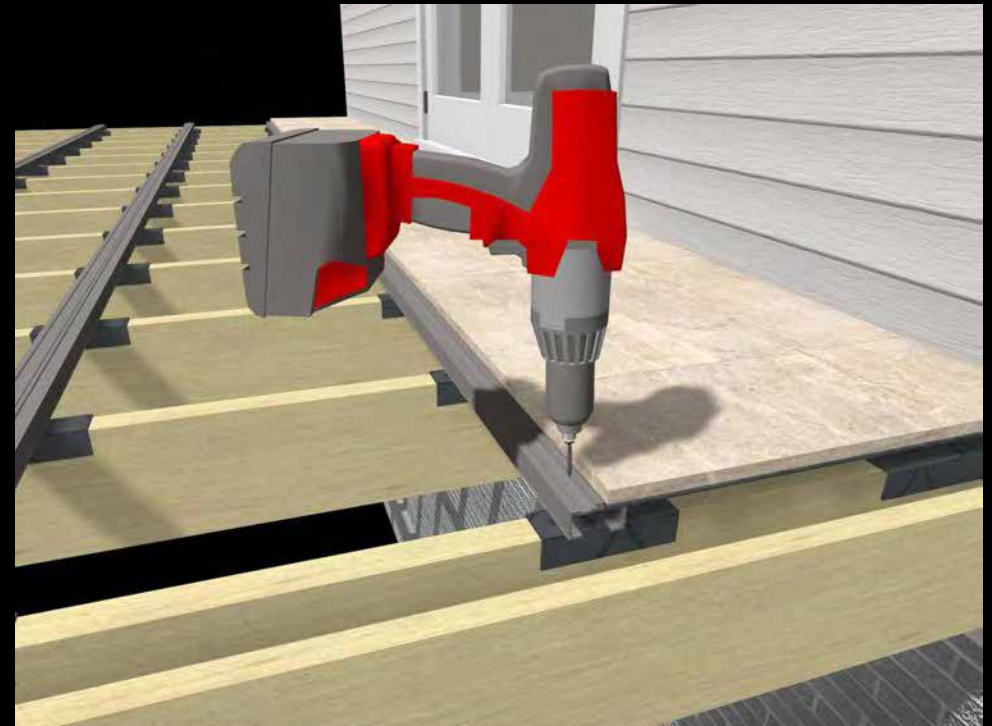


## Simple and Focused

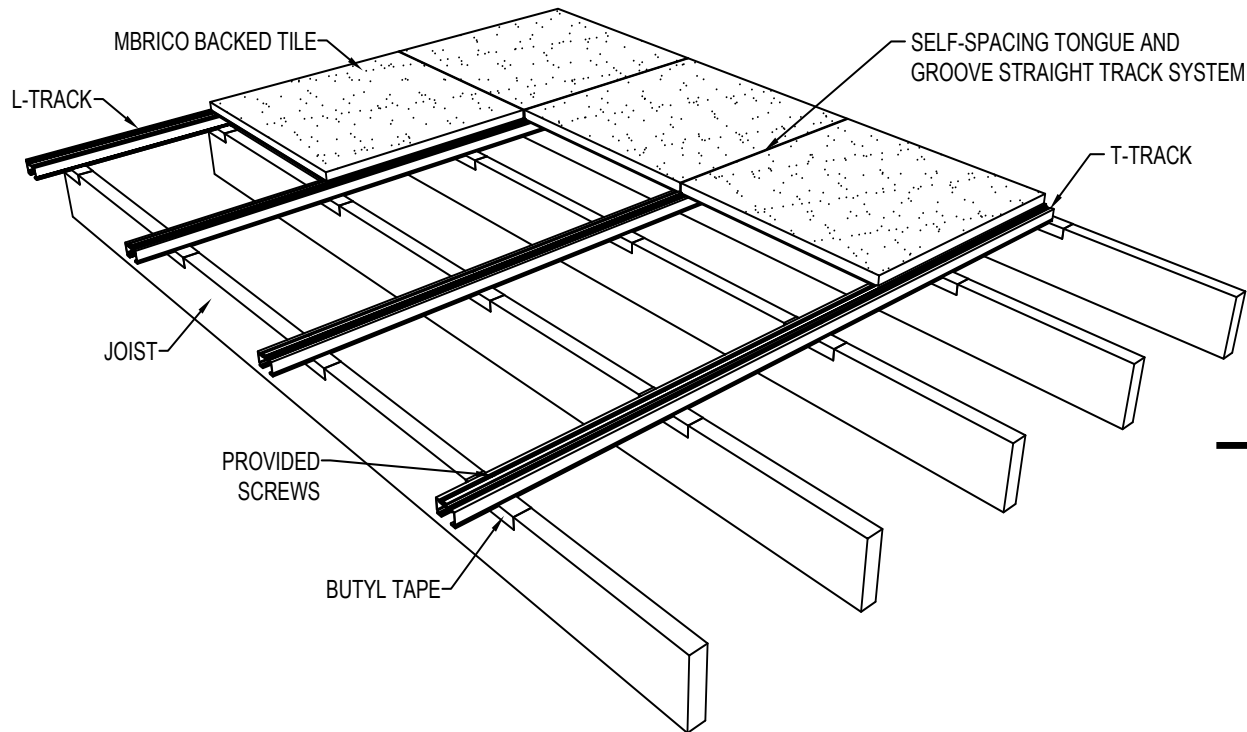
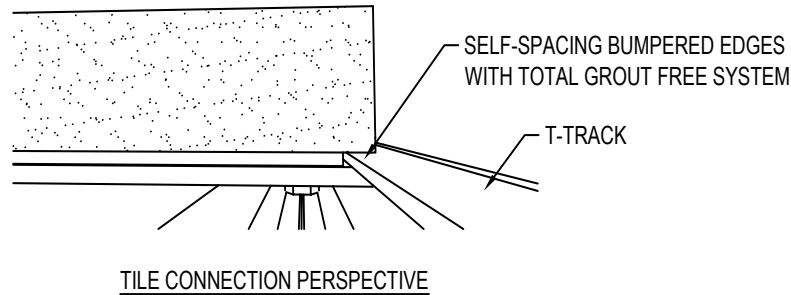
Mbrico technology has designed a mechanically fastened, tongue and groove track system. Designed with the installer in mind, Mbrico has unveiled the most complete porcelain tile deck system ever offered.

## Refinement in the Raw

Completely self-spacing and free draining. Porcelain tiles, aluminum tracks, deck screws and traditional code deck framing. Simple, yet unmistakable.



# The Power of *Simplicity*



Installed  
by your  
carpentry  
crew on  
code deck  
frames

For traditional elevated  
deck framing. Standard  
treated lumber, steel or  
aluminum joists, Mbrico  
can be installed on them all.





## AMBITIOUS & INNOVATIVE

We don't just craft decks that are simple to install and jaw-dropping to look at. Our benchmark is 'beautiful'. It drives us to create the most accomplished decking products in the world. With beautiful as our benchmark, our craft is what leads us there. Our ambitious innovation and eye for design are what separate Mbrico from the rest.



## SKILLED & DEDICATED

At all stages, we demand a level of craftsmanship that can be discovered in all of the individual parts of an Mbrico deck. Our talented engineers, designers and installers elevate each project to unique levels of luxury and longevity.



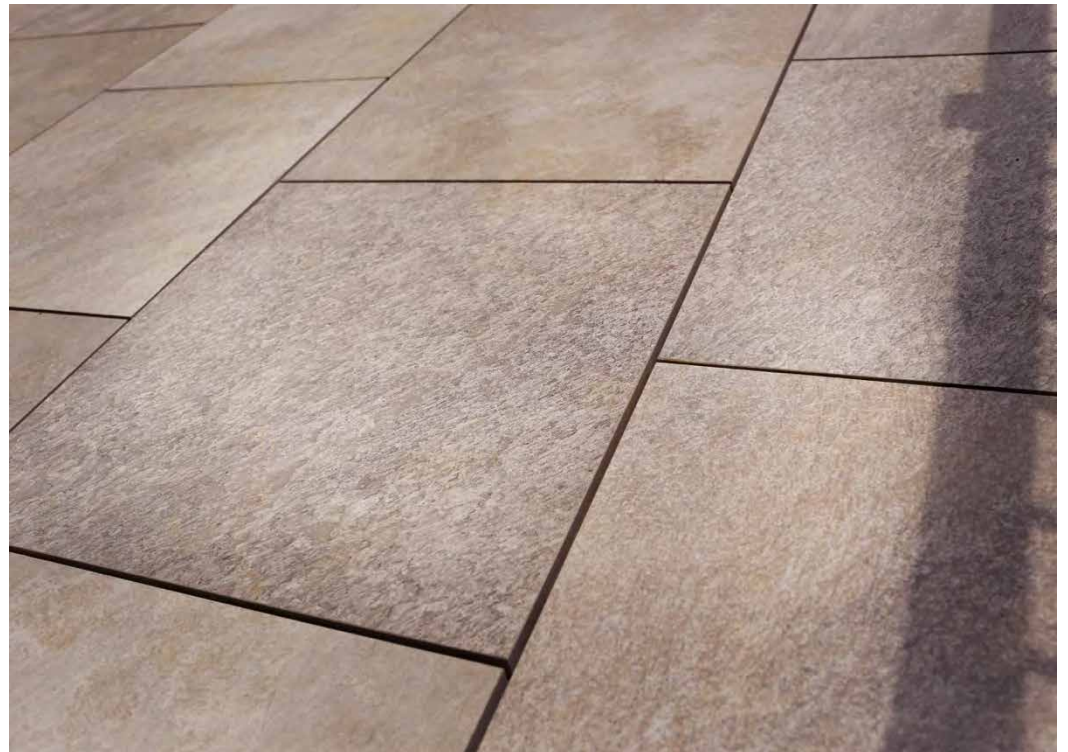
# Innovation in Design

## A Completely Self-Spacing and Free Draining System

Using mechanical fasteners, standard carpentry tools, and no grout, Mbrico is designed to be installed by any carpentry crew.

All Mbrico deck and flat-roof systems are CNC machined with self-spacing mechanisms to create flawless installation and perfect spacing for generations.

We don't believe in plastic spacers or cutting corners with glue and grout.











## **ELEVATE IT**

For traditional elevated deck framing, standard treated lumber, and code steps. Mbrico can be easily installed on conventional new decks or resurfacing existing framing.

## **DESIGN IT**

With over 60 color and pattern options available in wood, stone, aggregate, plank and large format tiles, Mbrico can easily satisfy any taste.



## **INSTALL IT**

Using mechanical fasteners, standard carpentry tools and no grout, Mbrico is designed to be installed by any skilled carpentry crew.

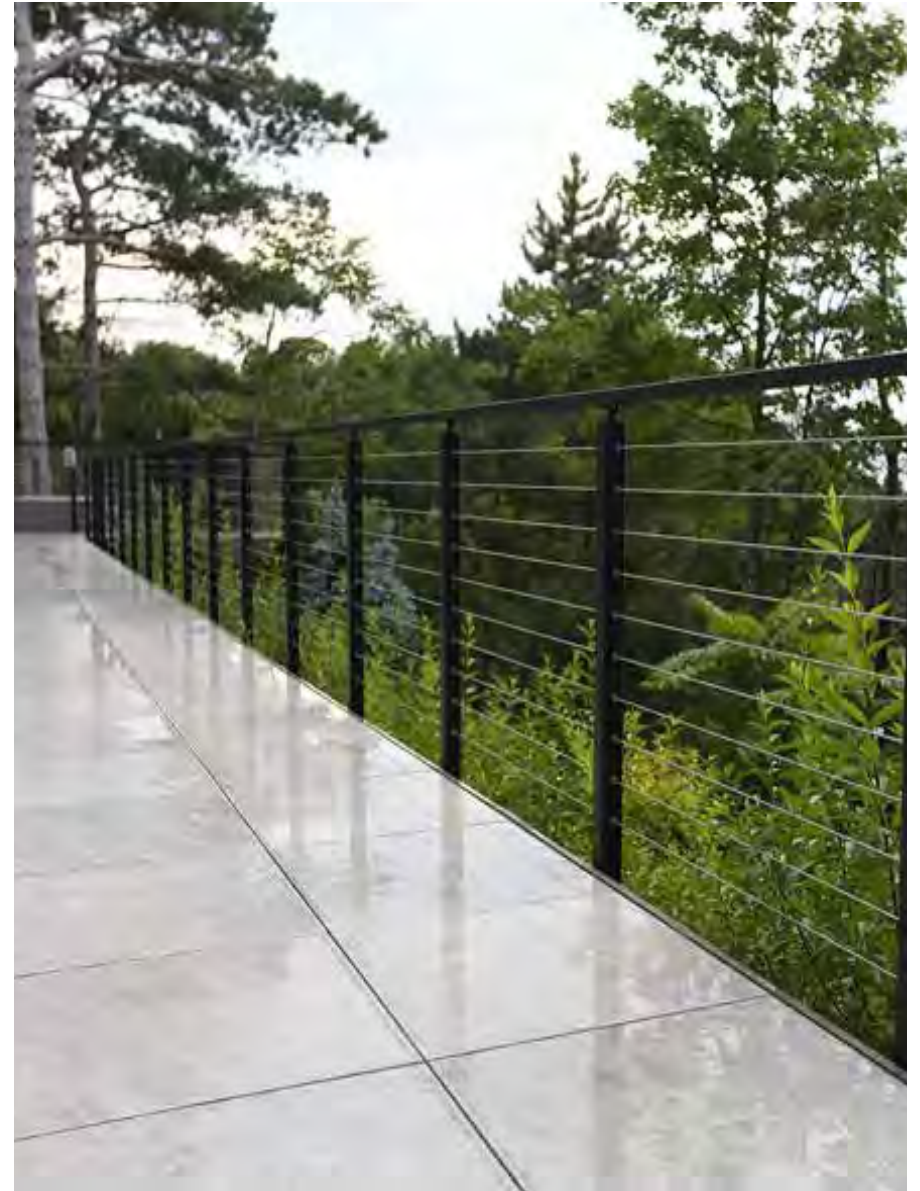
## **LIVE IT**

No more staining. No more sealing. No more spending Saturday working on the deck. Live with Mbrico.



# LIMITLESS RAILING COORDINATION

Designed to fit your preferred railing product. Mbrico works in perfect combination with all of the industry's best railing products. Adaptable to surface or fascia mounted railings with tile waterfall edges, composite picture frame borders, or flush fascia boards, Mbrico can be modified to fit your project's design requirements and aesthetic style.





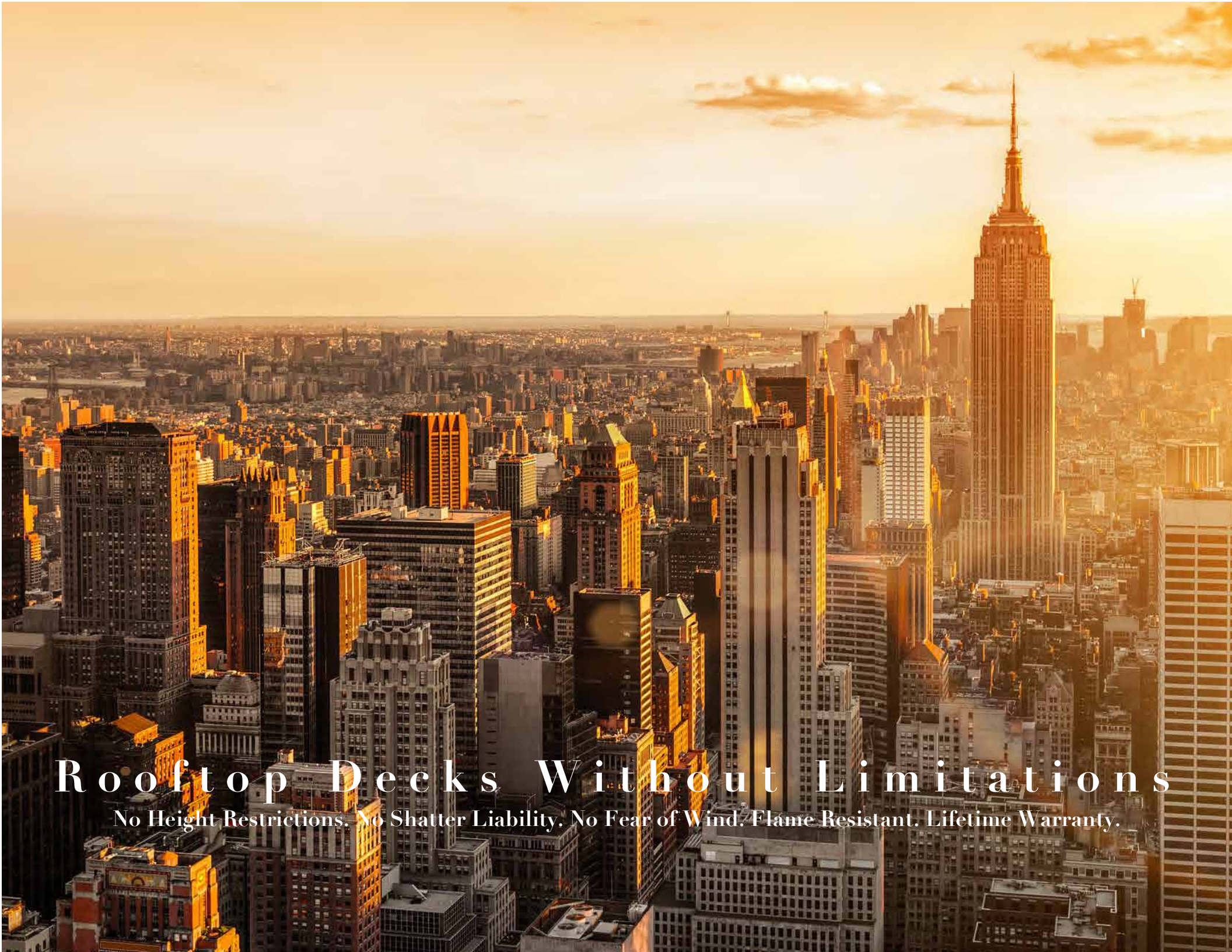


# rooftops

and raised floor systems







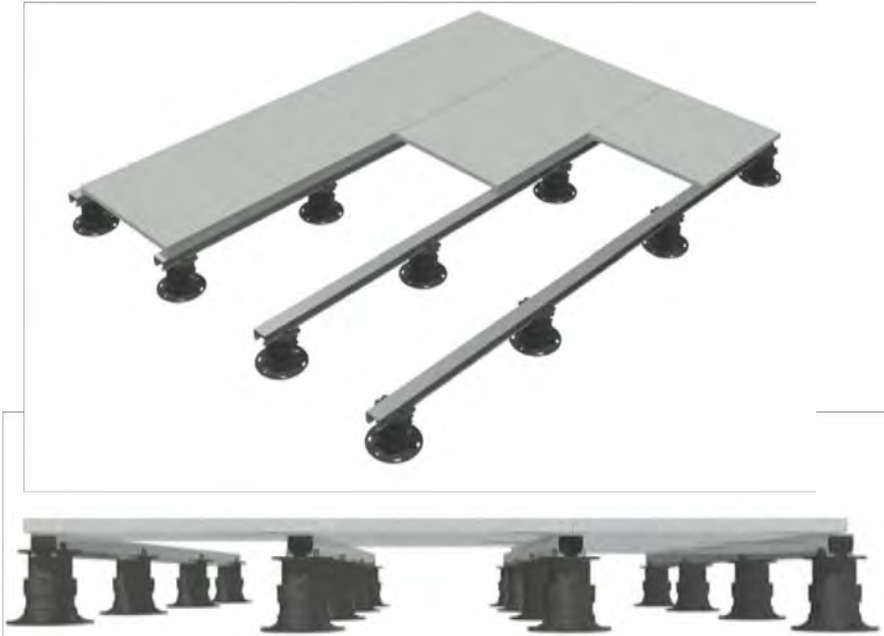
# Rooftop Decks Without Limitations

No Height Restrictions. No Shatter Liability. No Fear of Wind. Flame Resistant. Lifetime Warranty.



# TRACK SYSTEMS

## SKY'S THE LIMIT



Mbrico: a complete system of mechanically fastened deck coverings for public and residential outdoor spaces.



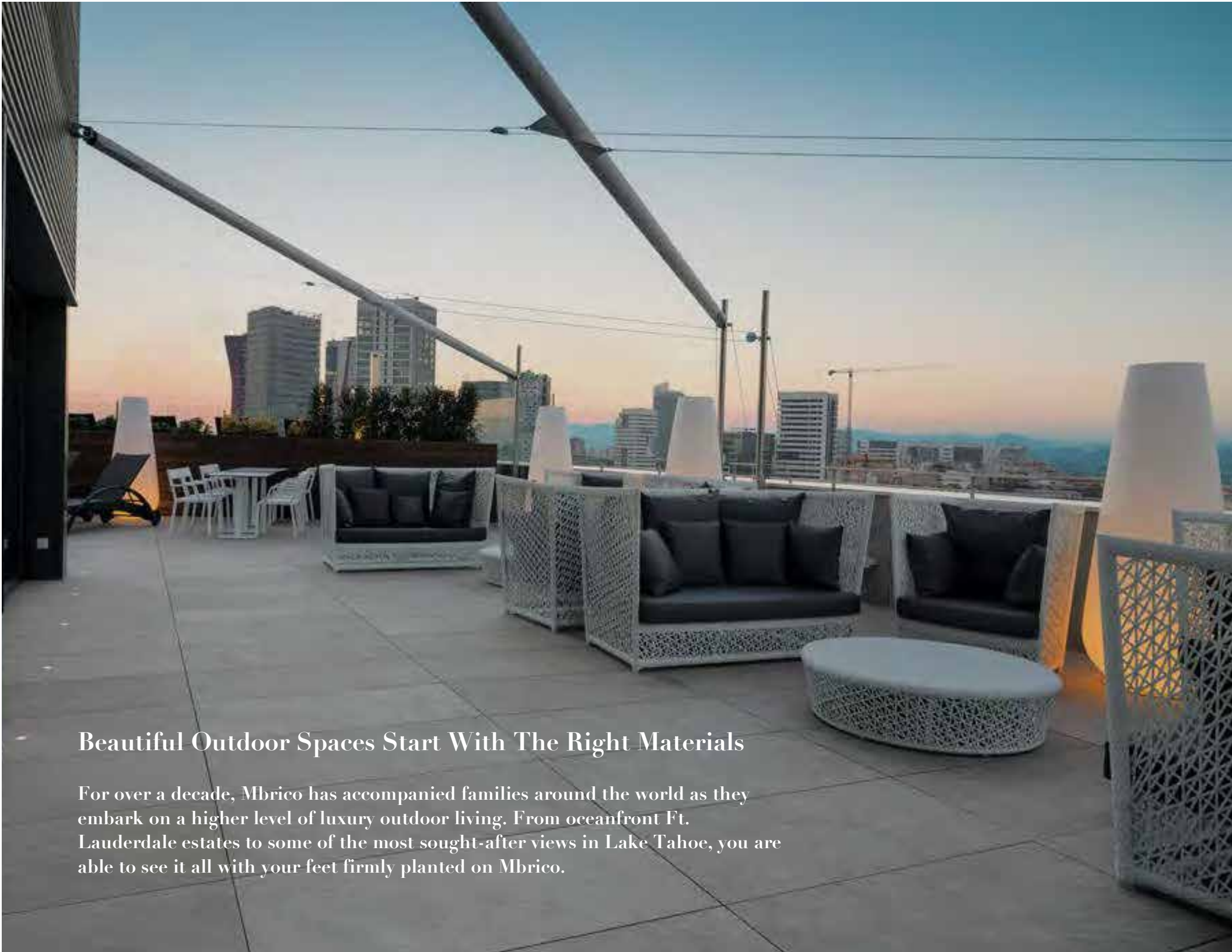


Mbrico's mechanically fastened rooftop track systems create an interlocking, self-spacing and easy to install system.

The Mbrico Rooftop Track System was designed with the installer in mind. The system utilizes  $\frac{1}{2}$  the number of pedestals as conventional pedestal systems, bypasses the need for any on-site adhesives or grout, is 100% self-spacing, and provides an integrated straight line for installation.

Mbrico is proud to present the industry's first complete, safe, and fast porcelain tile flat-roof product.





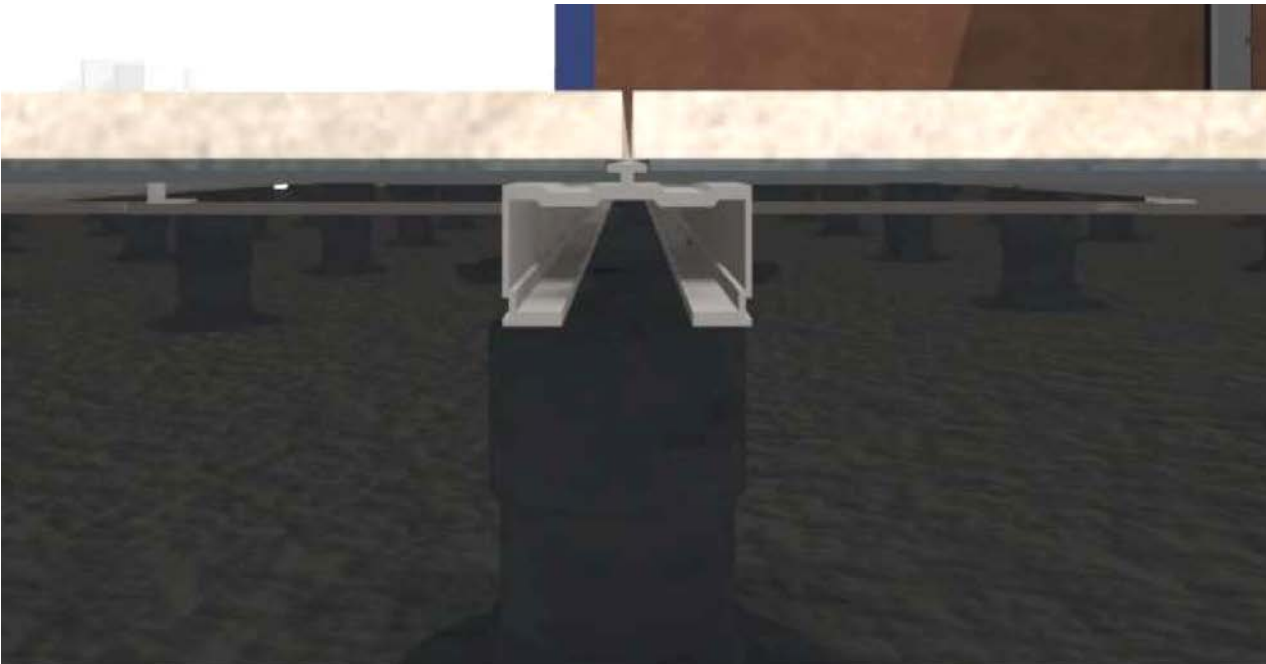
## Beautiful Outdoor Spaces Start With The Right Materials

For over a decade, Mbrico has accompanied families around the world as they embark on a higher level of luxury outdoor living. From oceanfront Ft. Lauderdale estates to some of the most sought-after views in Lake Tahoe, you are able to see it all with your feet firmly planted on Mbrico.



## **SPECIFIC SOLUTIONS THAT MAKE THE DIFFERENCE**

Mbrico Tile Decks™ has designed a revolutionary installation solution for rooftop deck and paver systems. Our Offset L-Track is designed for attachment on top of pedestals and allows for your tile field to reach perimeter walls without sacrificing mechanical attachment or spending time cutting pedestal bases. This track design is designed to capture the outer edge of your tiles to guarantee complete safety, stability and perfect tile spacing.



## **A FUNCTIONAL DESIGN, FOR UNCOMPROMISING LONGEVITY**

Our tongue and groove installation system functions very similar to tongue and groove wood floors. Each tile is backed with an Mbrico backer and is machined with a groove on the edges to receive the male spline of our T-Track aluminum joist system. This provides the spacing between the tiles and solidifies your free draining grout-free system.

# PEDESTAL INNOVATION FOR A SIMPLIFIED WORLD

The adjustable base pedestals:

 <p>Adjustable pedestal PRO S</p>	<p>Assembly height: 1"3/16 - 2"3/32 (30-53 mm)</p>
 <p>Adjustable pedestal PRO M</p>	<p>Assembly height: 2"3/32 - 3"15/64 (53-82 mm)</p>
 <p>Adjustable pedestal PRO L</p>	<p>Assembly height: 2"3/4 - 4"39/64 (70-117 mm)</p>
 <p>Adjustable pedestal PRO XL</p>	<p>Assembly height: 2"29/32 - 6"39/64 (74-168 mm)</p>



## DO THE MATH

With Mbrico's revolutionary pedestal and track system, installers can move roughly **30%** faster. Unlike traditional concrete or porcelain pavers using pedestals on each corner, Mbrico's track system provides a straight line, self-leveling extrusion. This extrusion guarantees perfect spacing, no movement of tiles and reduces pedestal quantities by roughly **40%**.







## GROUT FREE. MORTAR FREE. WORRY FREE.

Mbrico Tile Decks™ offers complete porcelain outdoor deck surfaces to meet any atmosphere and application.

With the development of systems to eliminate the need for any grout, adhesive, or landscaping fabrics, Mbrico was able to design an outdoor porcelain tile decking system that is entirely frost proof.

The system has been put to the test including 60 years' worth of rapid freeze thaw cycling by the Tile Council of North America who reported "*no visible change*" in the Mbrico product.

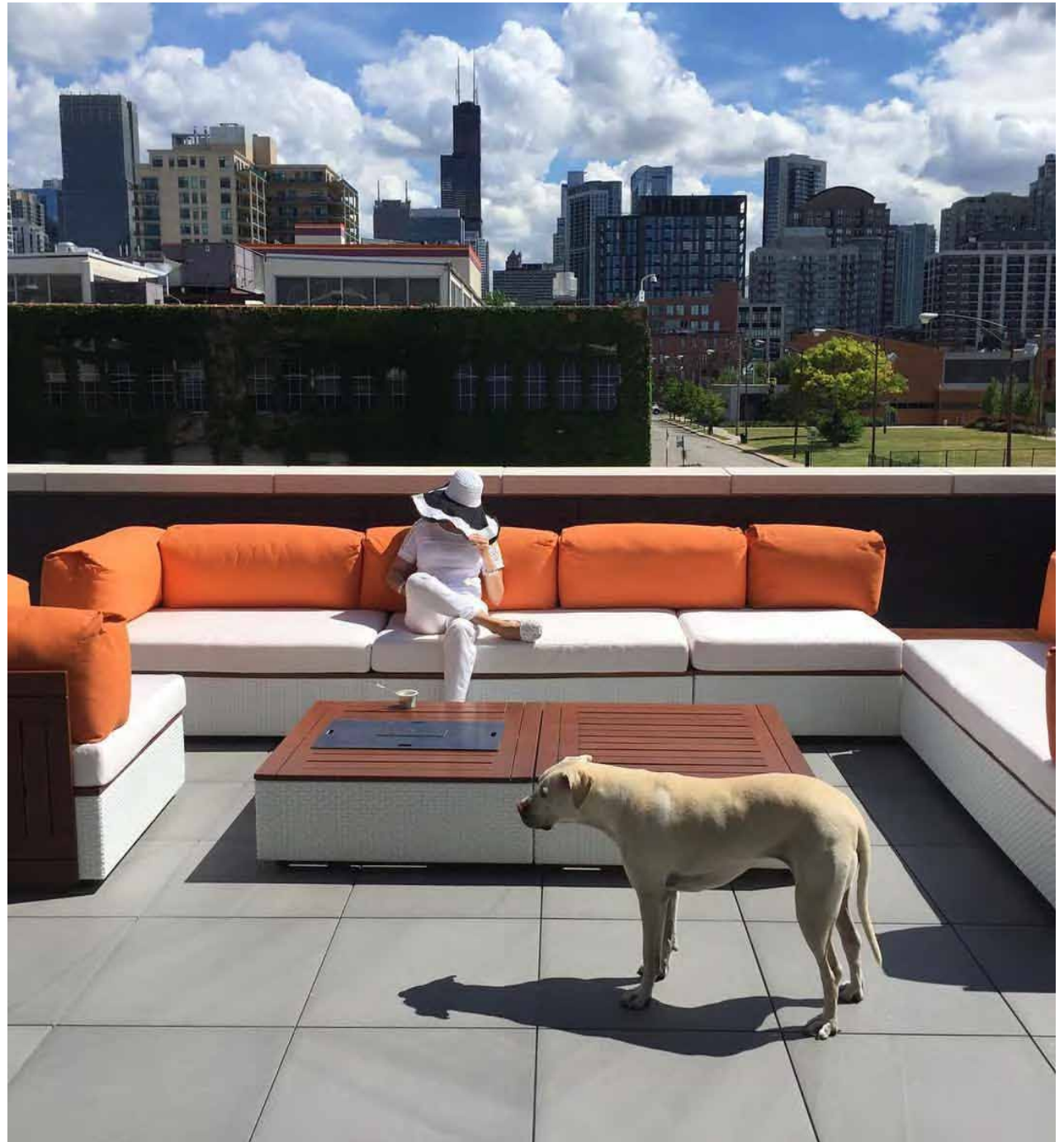
## Your Style is Unique, So, Follow It.

At Mbrico, we believe in maintaining our long-standing commitment of providing the best outdoor living surfaces for commercial and residential decks and rooftop decks.

Crafted with the finest raw materials and manufactured with scrupulous attention to detail.

Every deck and flat-roof is designed and developed for your project.

Our team of draftsmen, designers and representatives look forward to working with you to design the best and last deck you'll ever buy.





A photograph of an outdoor patio area. In the foreground, there are several lounge chairs with white frames and dark cushions, arranged in rows. Large patio umbrellas with white and dark brown striped canopies are positioned over the seating area. The patio floor is a light-colored, smooth material. In the background, a large, rugged mountain with rocky peaks rises against a clear blue sky with a few wispy clouds. A small white building is visible to the right of the patio. A potted plant with long, green leaves is in the lower right foreground, and another potted plant is on the right side of the patio. The overall scene is bright and sunny, suggesting a warm climate.

Won't rot, mold, warp, stain, crack, splinter, crumble, or fade.



# PEDESTAL SYSTEMS IN SAFE HANDS





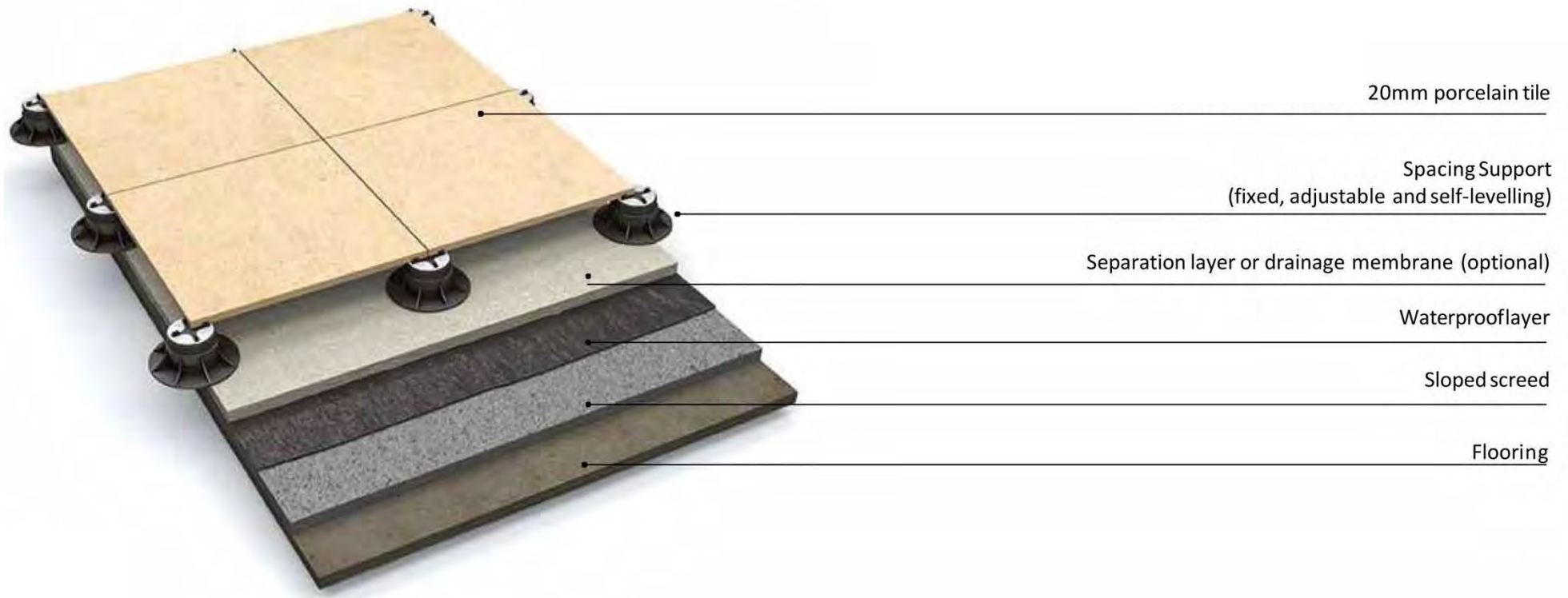
## CREATING A HIGHER STANDARD OF SAFE, PORCELAIN ROOFTOPS. THE SECRET LIES IN THE MBRICO BACKER

Mbrico Tile Decks™ manufactures and supplies a pioneering deck surface that consists of high-quality porcelain stoneware backed with a proprietary bonding process and the Mbrico Backer.

The Mbrico Backer can be bonded to any quality 2cm porcelain stoneware for safe use on raised floor applications.

This allows the 2cm porcelain tiles to be installed safely as a raised surface on pedestals. Most 2cm tile manufacturers recommend unbacked tile pavers be used no more than  $\frac{3}{4}$ " above a solid surface such as a sloped rooftop. This is due to shatter and fall through risk.

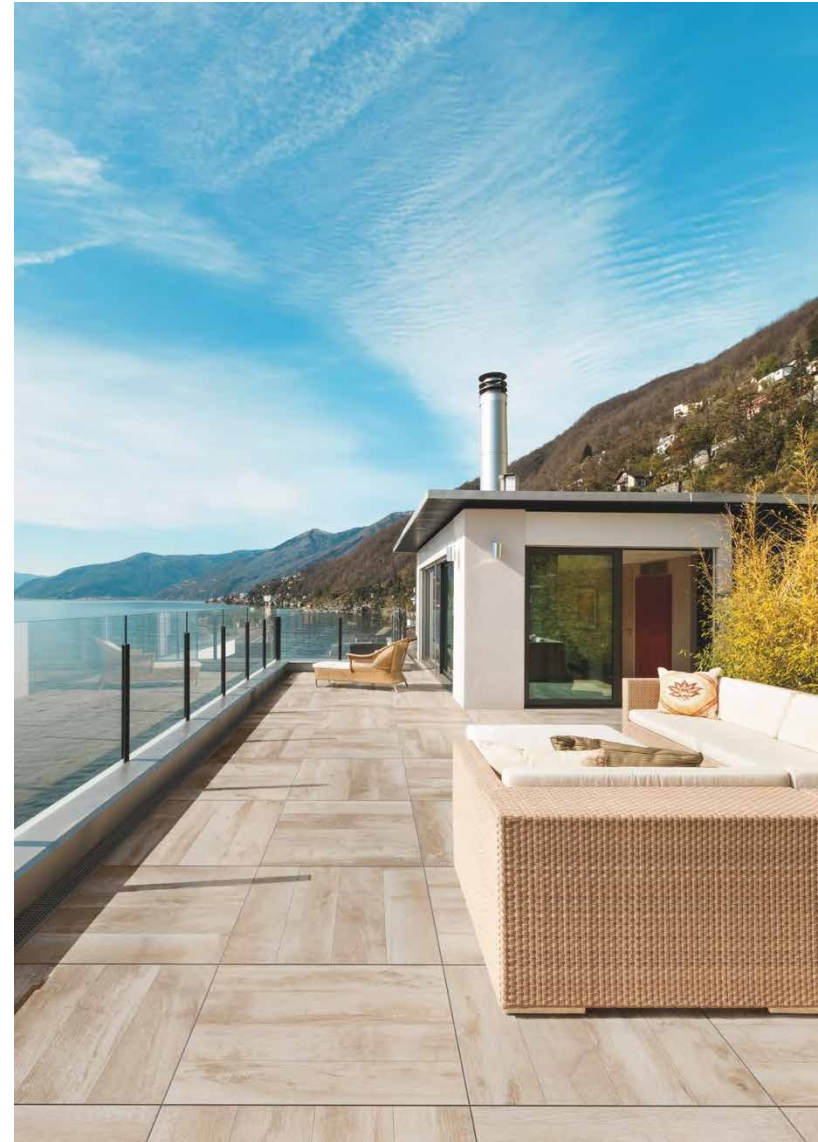
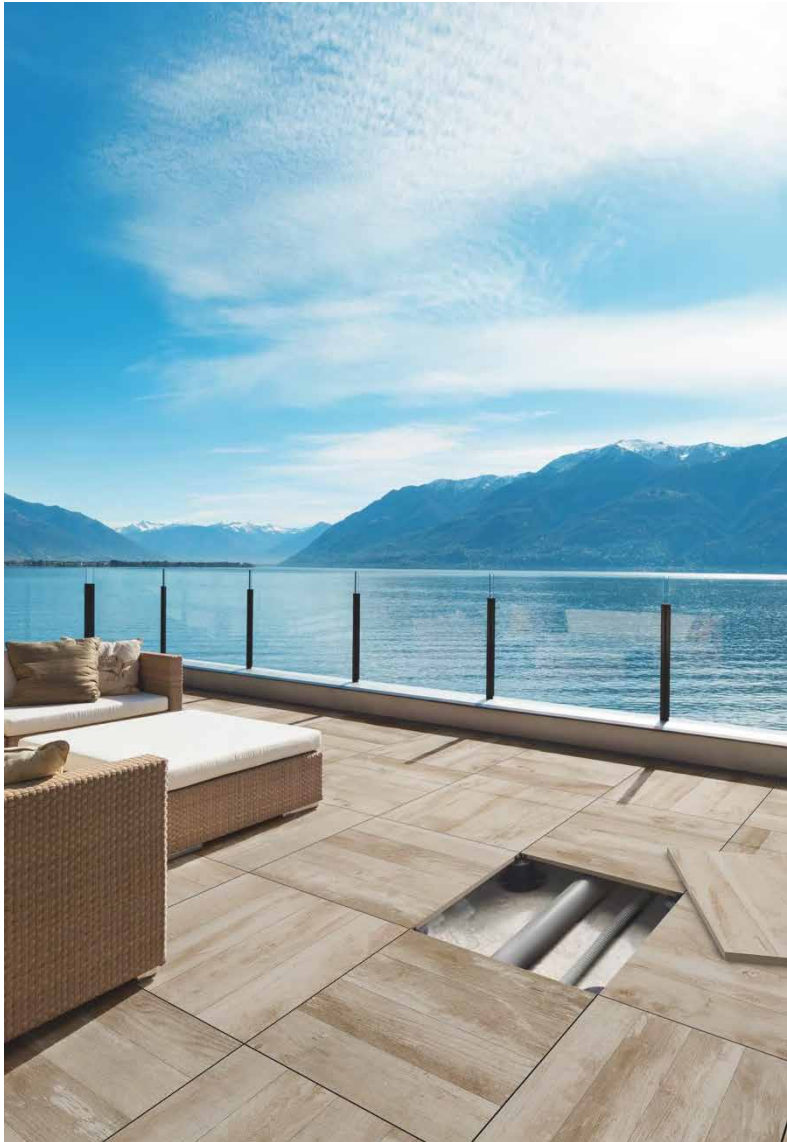
While the industry of conventional porcelain pavers continues to reel back after safety concerns and shatter liability, Mbrico continues to push the envelope with better designs, more testing, higher safety standards, and a safer product for our customers.





## BACKED BY MBRICO

Installation on raised pedestal system exploits the conventional system of floating or raised floors yet achieves the highest safety standards in the paver industry. With this laying system, all the pipes and wiring systems laid beneath the tiled surface can be inspected at any time. It offers instant accessibility, simply by lifting and removing the slabs.







## ELEVATED FLOOR INSTALLATION

### ON A FIXED SUPPORT

- Can easily be removed, inspected, reused.



### ON AN ADJUSTABLE SUPPORT

- Can easily be removed, inspected, reused.
- Available for different kinds of support.
- Ideal for hiding from sight wiring and pipes, while keeping them easily accessible.



## NOMINAL SIZE

30x60 cm / 12"x24" (rated)  
4 supports per slab



60x60 cm / 24"x24" (rated)  
4 supports per slab



45x90 cm / 18"x36" (rated)  
6 supports per slab



90x90 cm / 36"x36" (rated)  
4 supports per slab



20x120 cm / 8"x48" (rated)  
6 supports per slab



30x120 cm / 12"x48" (rated)  
6 supports per slab



40x120 cm / 16"x48" (rated)  
6 supports per slab



60x120 cm / 24"x48" (rated)  
6 supports per slab



120x120 cm / 48"x48" (rated)  
8 supports per slab







#### Great for hiding pipes and wiring

The gap between the floor and the membrane below, allow for the passage of pipes and wiring that are hidden yet easily accessible.



#### Better thermal insulation

The gap between the floor and the membrane below, favours a constant flow of air which improves the lifetime of the waterproofing membrane as well as thermal insulation.



#### Excellent compression and expansion absorption characteristics

The decoupling of the flooring and the supporting elements assists the absorption of the structural movements and expansion.



#### Significant weight reduction

By eliminating the cement screed, the elevated system reduces substantially the weight on the structure and reduces costs.



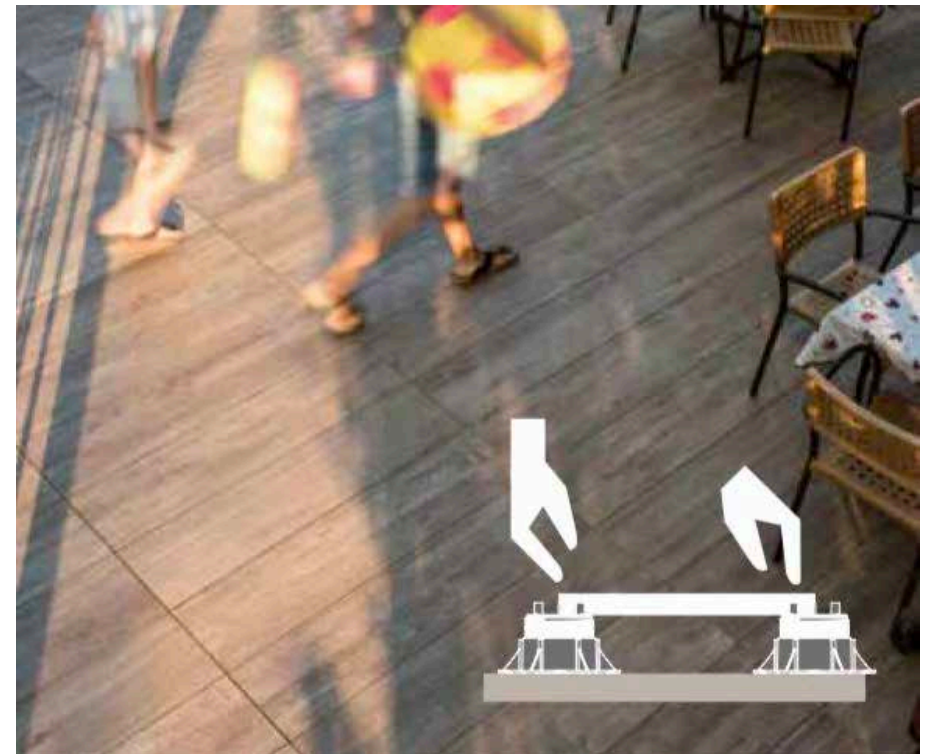
#### Significant weight reduction

By eliminating the cement screed, the elevated system reduces substantially the weight on the structure and reduces costs.



#### High resistance to loads

The robust structure of the support, that is due to both the experience required to formulate the chemical compound, as well as to the continuous thread, guarantees a strong, safe and long lasting product.







# for the love of luxury

It's good to be stuck in your ways — when they're the right ways. Choosing Mbrico means choosing the best. Your time is equally finite and precious. Incorporate products that only bring pleasure, luxury, and high aesthetic impact.



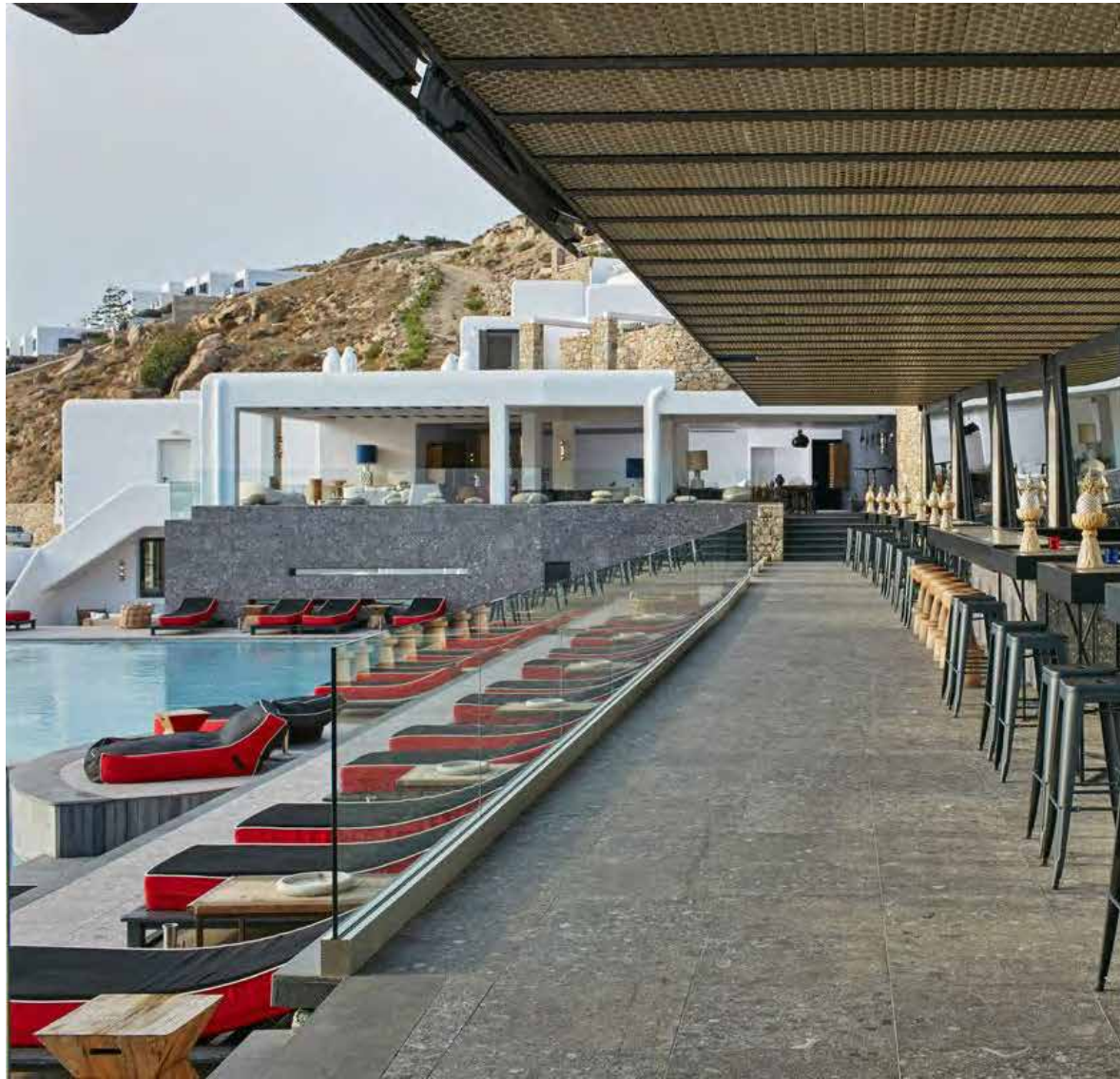




# wind up-lift systems

solutions for hurricane force winds





MOTHER NATURE,

MEET

YOUR

MATCH



Mbrico's mechanically fastened rooftop systems create an interlocking wind up-lift solution. The tiles, all free floating and free draining, interlock to create a progressive solution. Manufactured with all fire rated products,  
*nothing stands in our way.*

Mbrico is the only hurricane approved porcelain deck & rooftop system on the market. Whether its 180 mph Miami winds, -50°F freezing temperatures of Northern Ontario or the blazing Phoenix sun, Mbrico can handle it.

A modern clean-cut concrete look without the weight or worry.



# THE POWER OF DESIGN

## WIND UP-LIFT TESTING

Table 1. ANSI/FM 4474(B) & TAS 114(D) Results for Assembly No. 1

Component:	Attachment Detail	Passing Uplift Force (lbf)
Joists:	(2) Mbrico T-Track (6560-T6 extruded aluminum alloy joists; section drawing contained in Appendix A) were secured 23-11/16" o.c.	1,680
Tile:	(1) Mbrico Tile (23-11/16" x 23-11/16" x 3/4" porcelain tile bonded to a Mbrico proprietary composite backing with 1/16" tongue along two edges) was set into the joists by engaging the tongue into the T-Track grooves.	

**Remarks:** Assuming a tributary area of 4-ft<sup>2</sup> per tile, the resultant passing uplift load for the Mbrico Tile to the Mbrico T-Track is 420 psf.

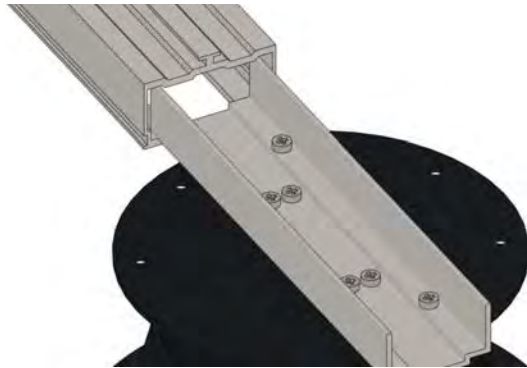
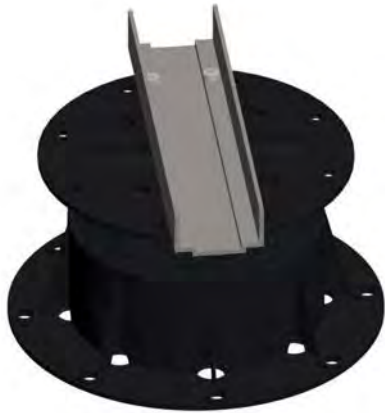
### Statement of Compliance:

The laboratory test results presented in this report are representative of the material supplied and test specimens constructed. Testing was conducted in accordance **ANSI/FM Approvals 4474 Appendix B: Simulated Wind Uplift Pull Test Procedure** with modifications noted herein.

Property	Specimen 1
Max Passing Load, (lbf)	1,680
Failing Load, (lbf)	On rise to 1,740
Failing Time, (sec)	0
Failure Mode	Adhesive failure of composite backing to tile
Max Passing Pressure, (psf)	420 <sup>1</sup>

Notes: 1) Pressure is calculated based on 4-ft<sup>2</sup> tributary area for each tile



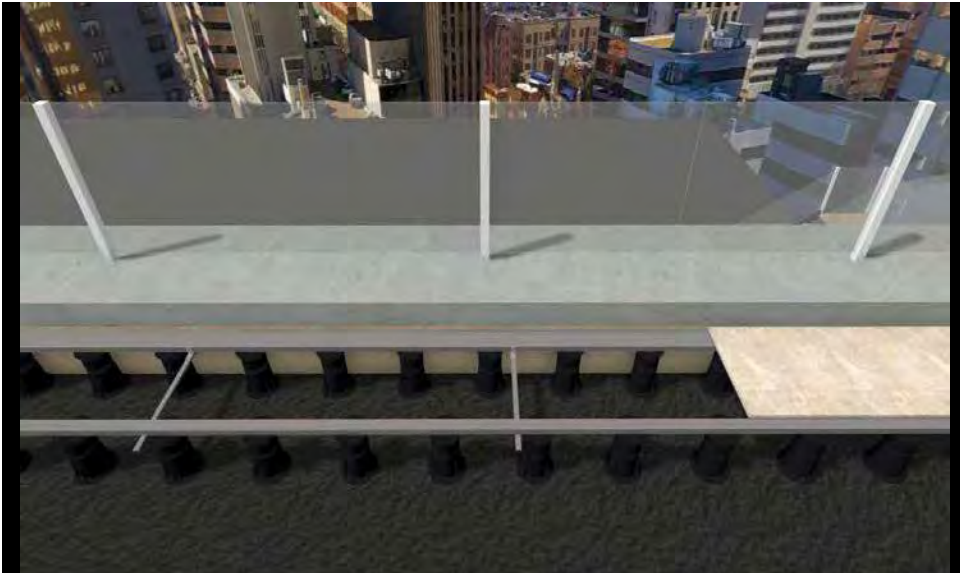


## **THE CUTTING EDGE, SHARPENED**

Blowing By The Miami Dade Wind Up-Lift Standards

Mbrico has worked with the industries leading pedestal manufacturers to design a solution for wind up-lift requirements. Our wind up-lift system utilizes our standard Mbrico track system in coordination with additional salt-resistant aluminum fasteners and a higher-grade pedestal. The system creates a self-spacing interlocking tile surface that accomplished some of the greatest paver system wind up-lift loads ever achieved.

This system has been third party tested to reach standards required for Miami-Dade County approval and is currently being used on rooftop and raised floor projects throughout numerous hurricane regions.







# hardscapes

for on-grade landscape applications











**Traditional**

**Applications.**

**Groundbreaking**

**Products.**

Mbrico's revolutionary grout free decking products are accompanied by a full line of traditional hardscaping & landscaping materials suitable for pools, walkways, and patios.

A combination of American craftsmanship, Italian tile and groundbreaking technology create surfaces in which performance can be experienced to the full for the ultimate in outdoor living pleasure. It's time you start spending your weekends the way you want to spend them.

Not on maintenance and repairs.





### DRY INSTALLATION ON GRASS

- Easy to lay, and adjust or move
- Ideal solution for public parks and private gardens.



### DRY INSTALLATION ON GRAVEL

- Easy to lay, and adjust or move
- Aesthetic features ideal for enhancing contemporary buildings.



### INSTALLATION ON SCREED WITH ADHESIVE

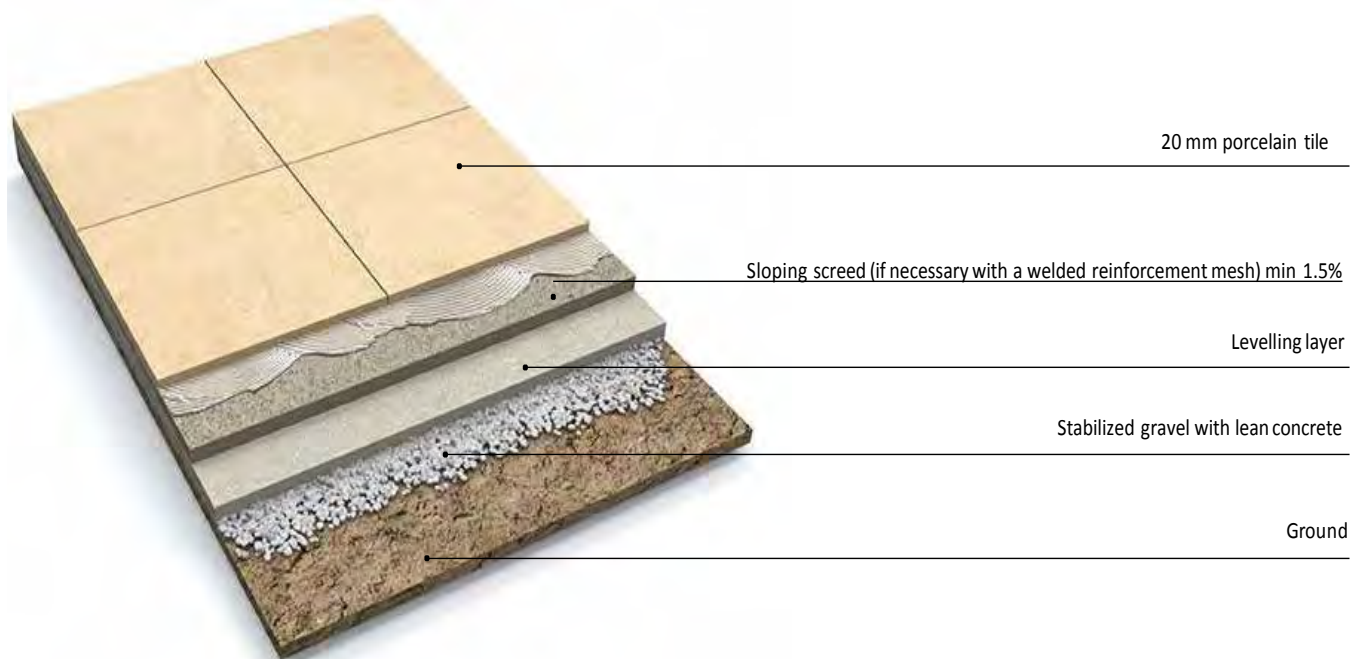
- Driveway paving
- Matching interior and exterior areas.



OUTDOOR  
FREEDOM



## SCREED (GROUND)



**EXTREMELY  
HIGH RESISTANCE  
TO BREAKING LOADS**



**TRANSITABLE WHEN  
APPLIED TO A SCREED  
WITH ADHESIVE**



**EXCEPTIONAL  
THERMAL SHOCK  
RESISTANCE**

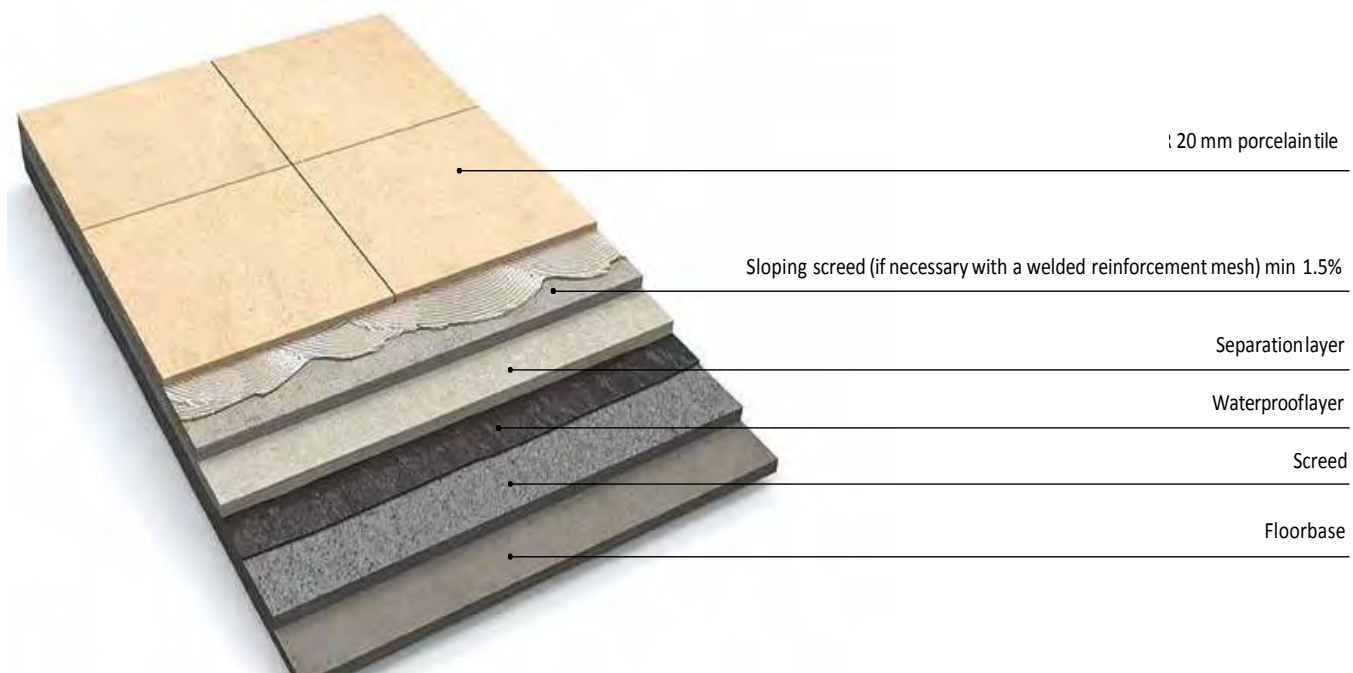


**FROST-PROOF**



**EASY TO INSTALL,  
REMOVE, REUSE &  
ECOFRIENDLY**

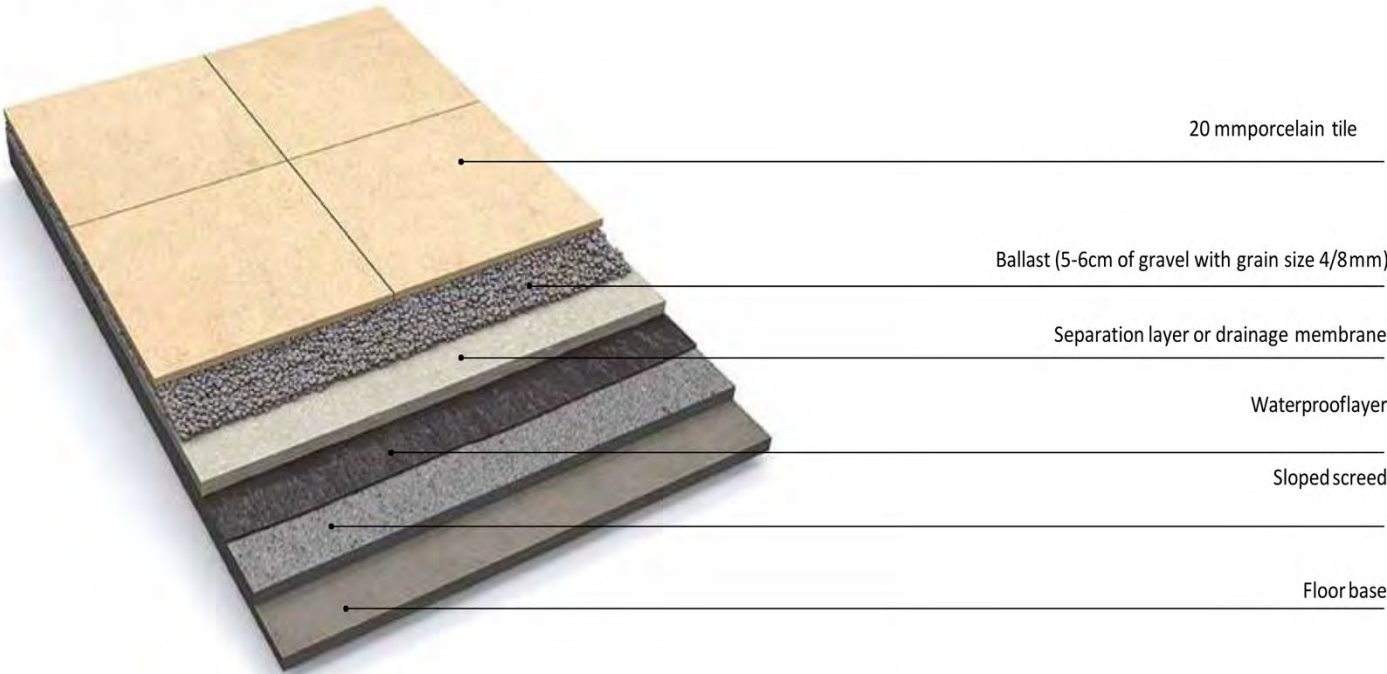
## SCREED (FLOOR BASE) LAYING ON FLAT SURFACES



GRAVEL (GROUND/SOIL)



GRAVEL (FLOOR) LAYING ON FLAT HARD SURFACES



FLAME-RETARDANT



NON-SLIP SURFACE



SALT, STAIN &  
CHEMICAL RESISTANT



COLOR-FAST



EASY TO CLEAN

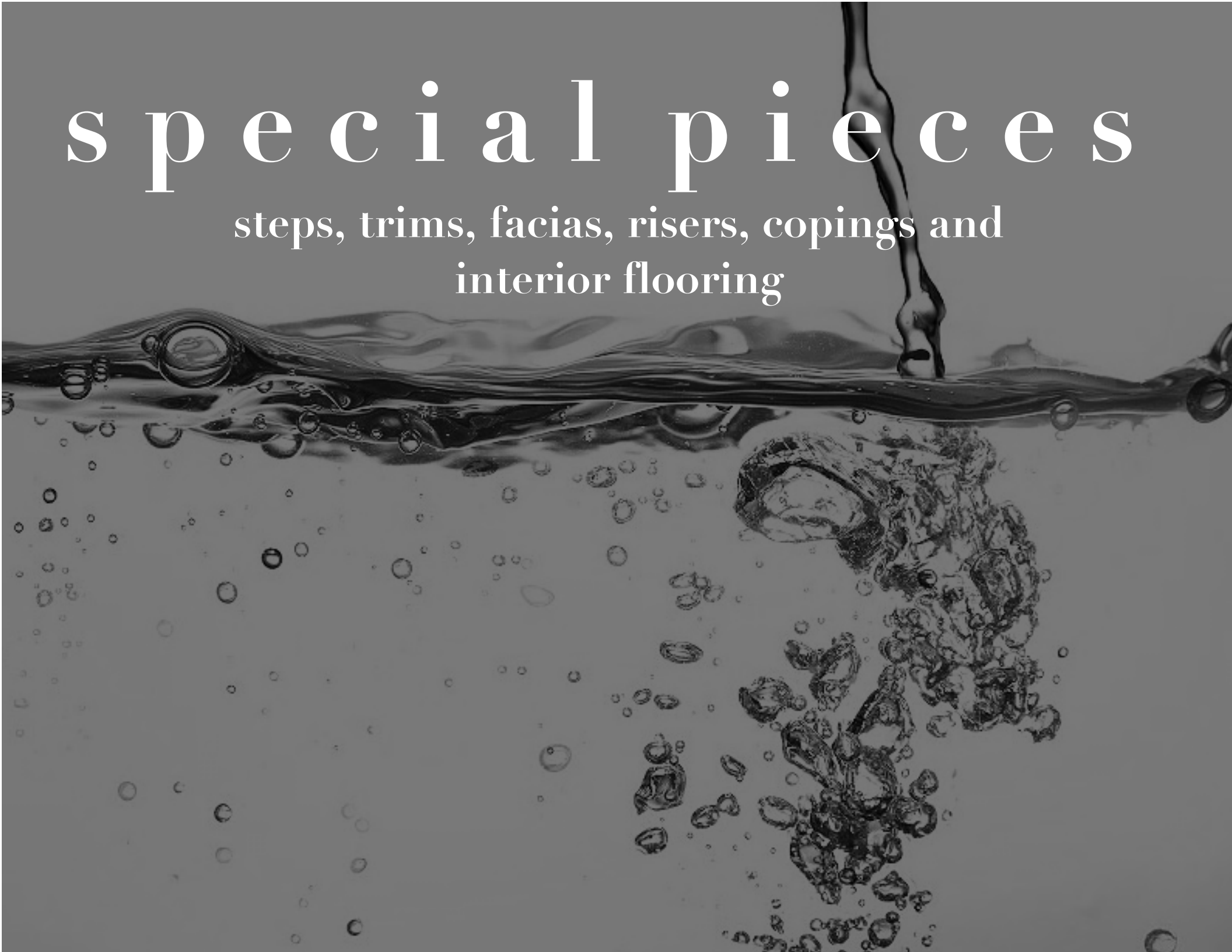


A photograph of a lakeside patio. In the foreground, two wooden lounge chairs with blue and white striped cushions are positioned on a light-colored stone tile patio. The chairs are angled towards the right, overlooking a large body of water. The water is calm with gentle ripples. In the background, across the water, there is a shoreline with some buildings and trees. The sky is a clear, pale blue. The overall mood is peaceful and elegant.

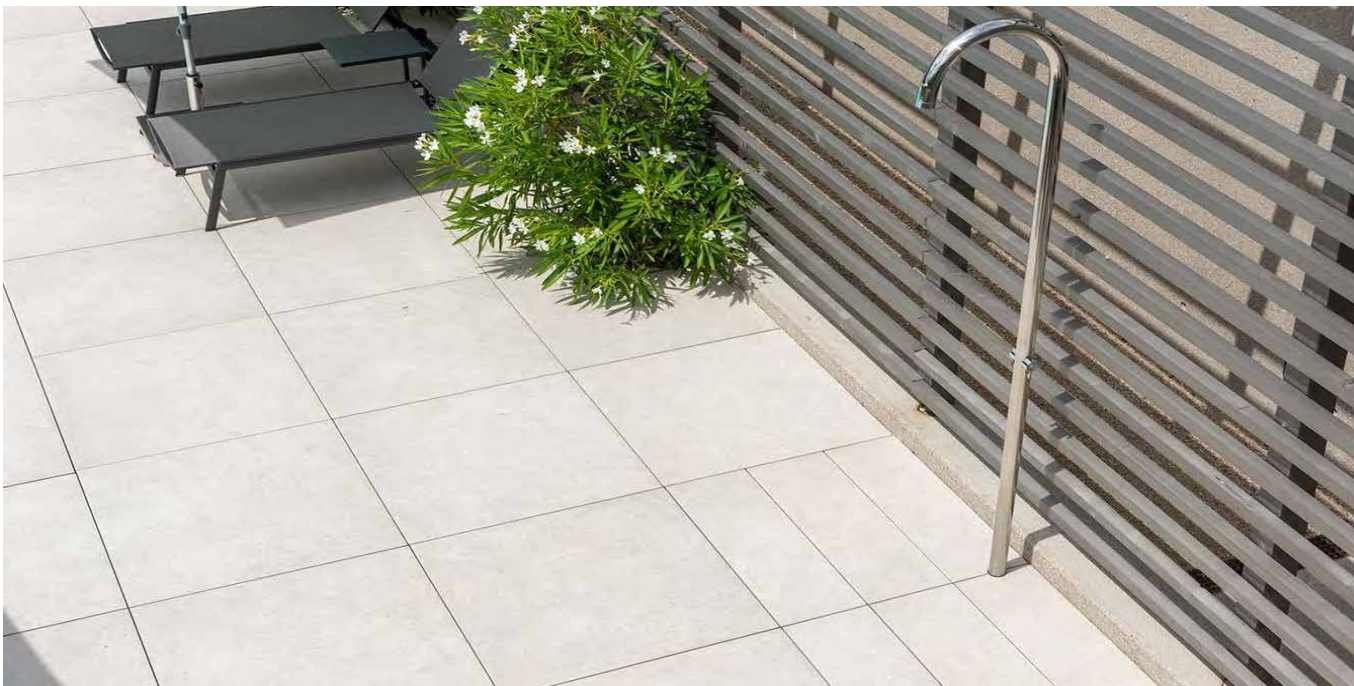
*refinement in the rare*

# special pieces

steps, trims, fascias, risers, copings and  
interior flooring





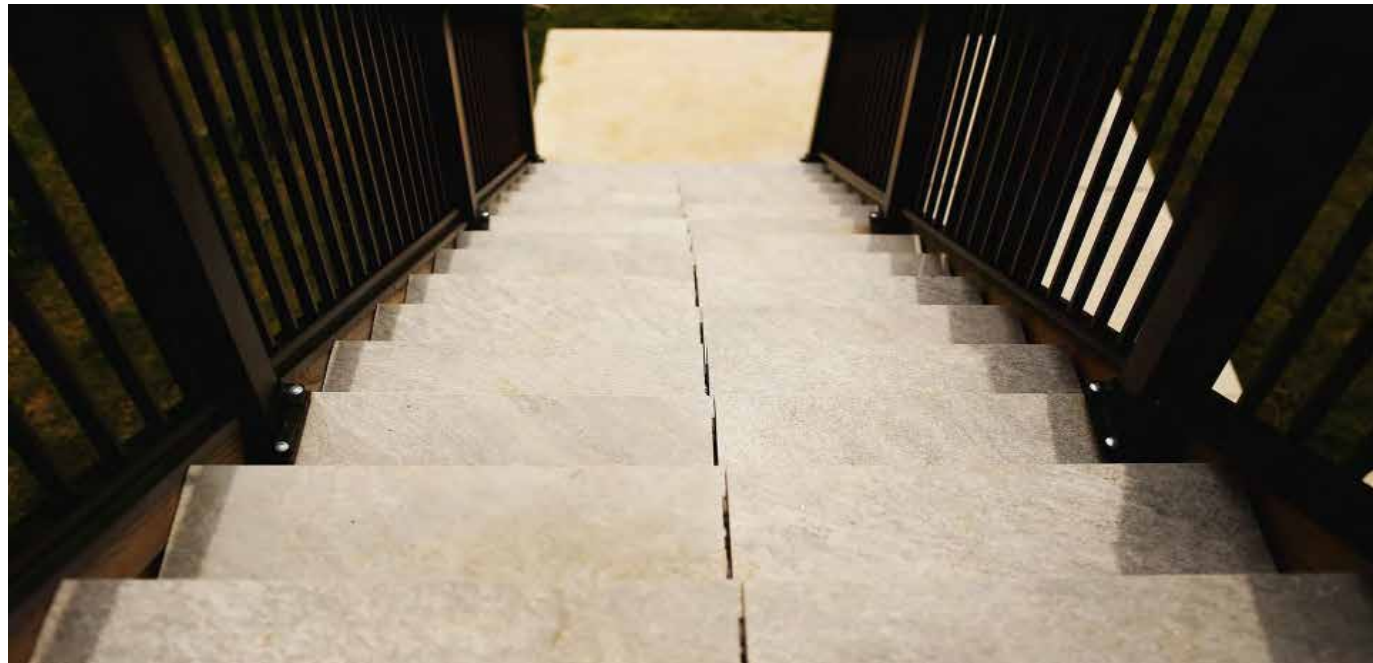


Solutions designed to meet the most particular, sophisticated needs of all decks and outdoor living.

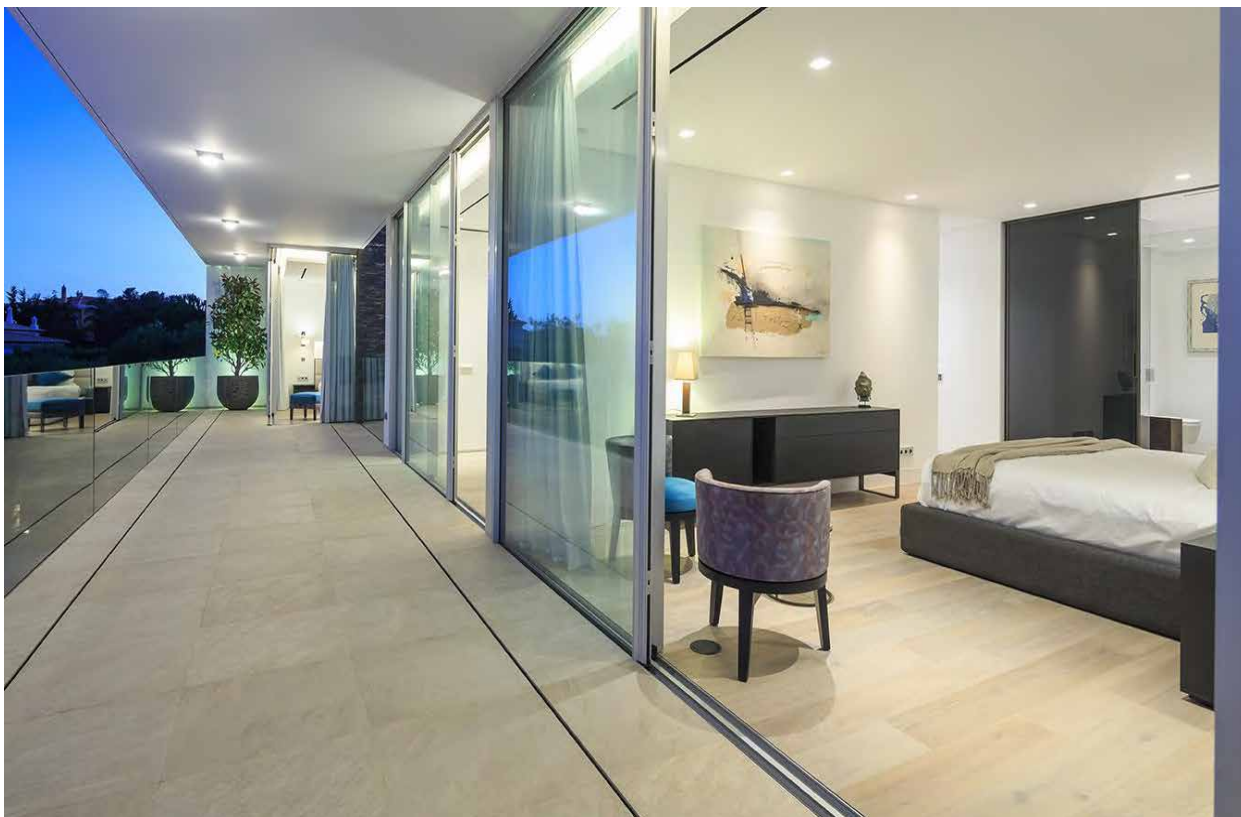
At Mbrico, our engineers and design staff are constantly striving to encompass everything you can dream up.

We recognize that our clientele has earned the right to develop a particular taste and we don't intend to change their vision.

Mbrico is adaptable to custom shapes, radius, engravings, and lighting. Don't sacrifice your product choice to achieve flexibility. Insist on the best products designed to fit your desires.



## Interior and Exterior Tile Floor Coordination



Mbrico Tile Decks present a unique opportunity for you to coordinate interior and exterior spaces with high-quality Italian porcelain stoneware that can be placed anywhere. We provide several advantages not satisfied by any other product in the decking industry.

If you're looking to turn your deck, rooftop or garden into the very heart of your home; if you're planning to finish it with the same floor coverings used indoors; if you're looking for a product to guarantee a comfortable outdoor experience, then the range offered by Mbrico is what you need to complete your project.

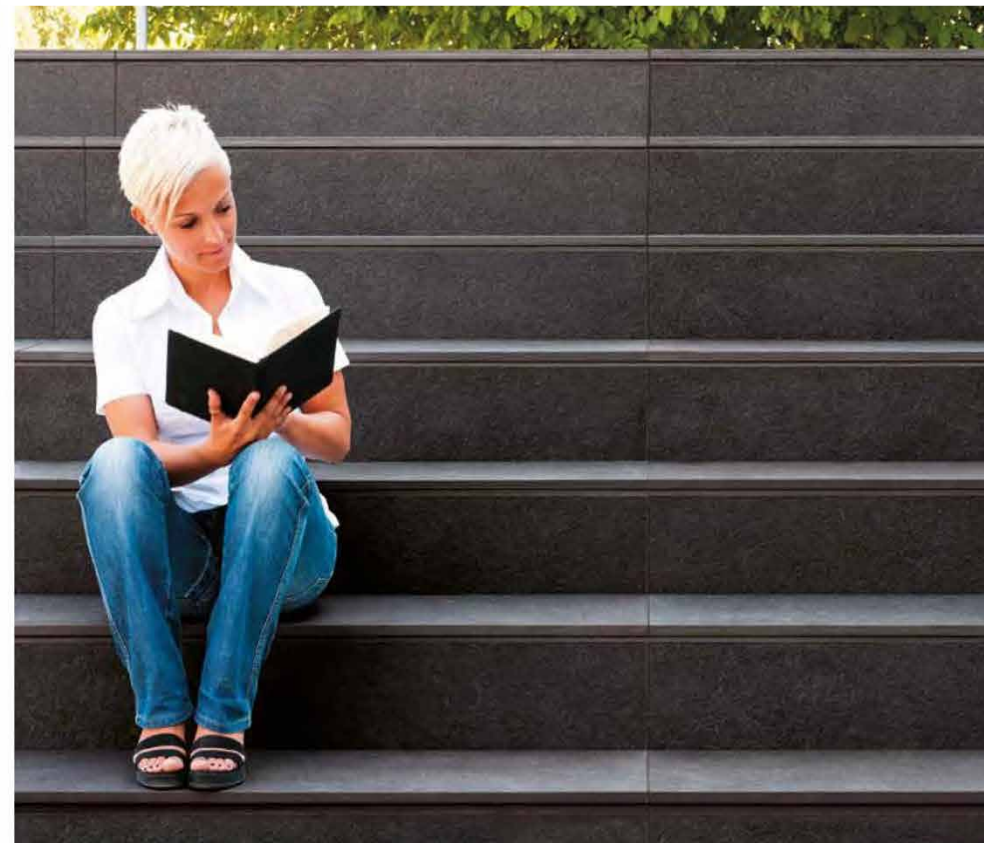
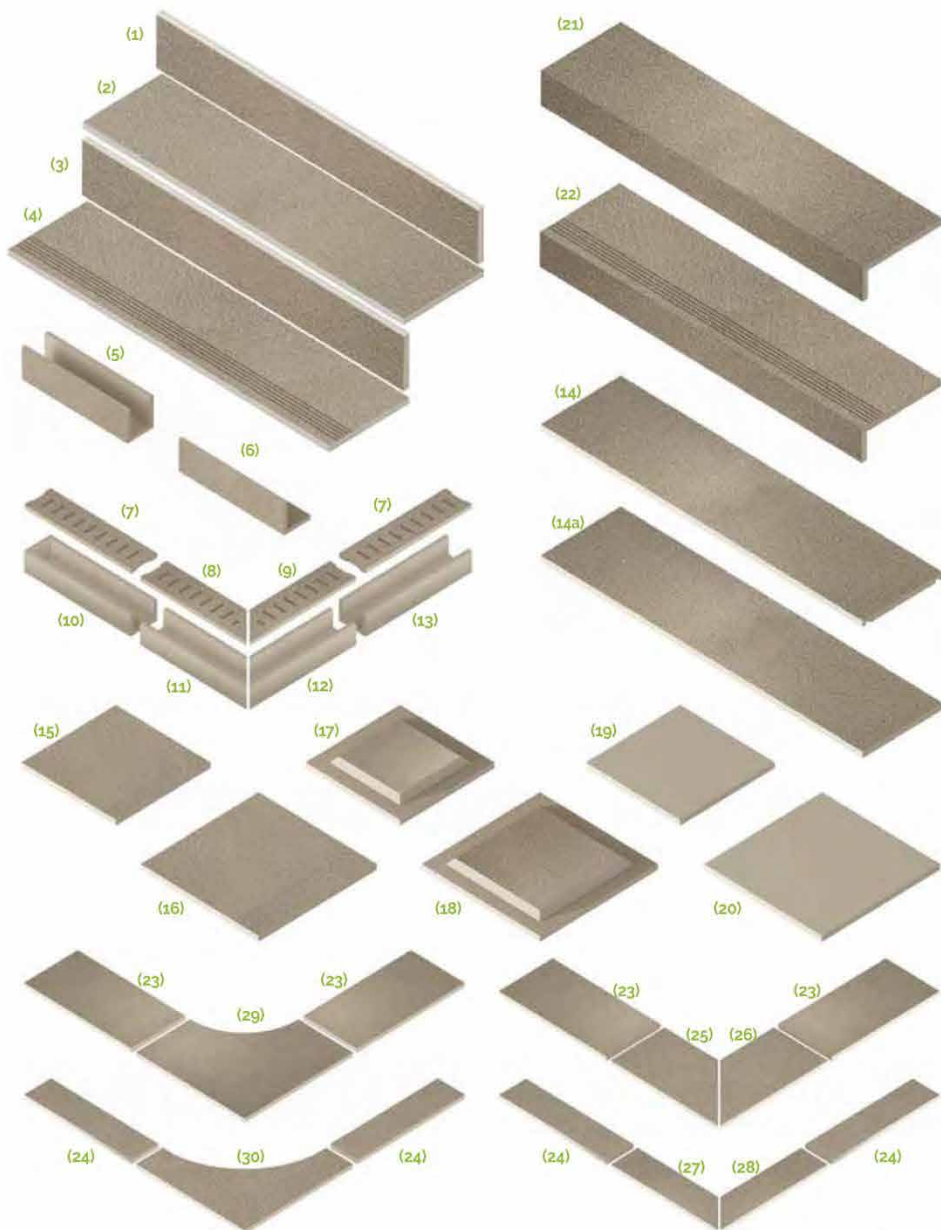






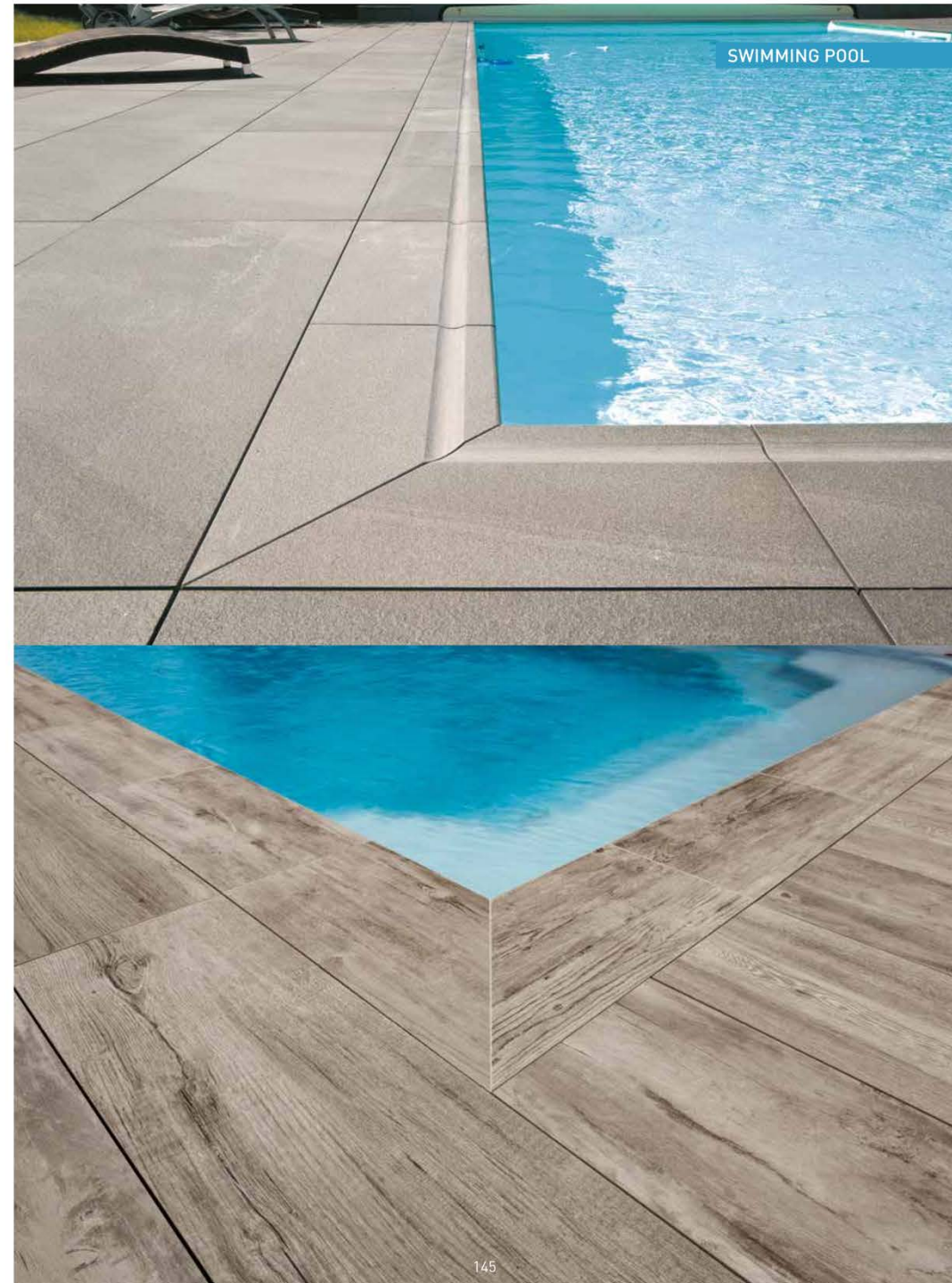
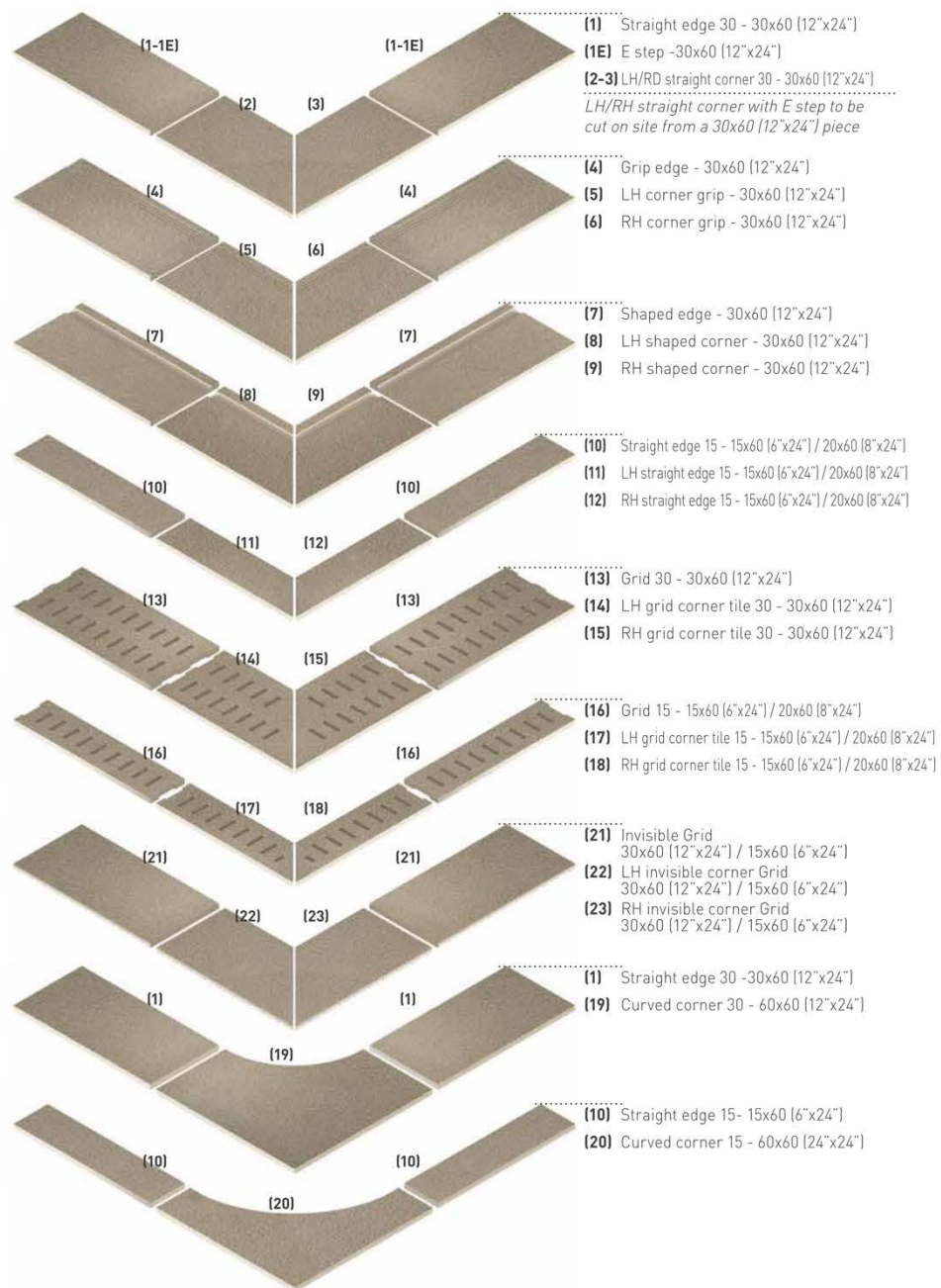
tailored to you

steps and risers for framed decks, rooftops and hardscapes



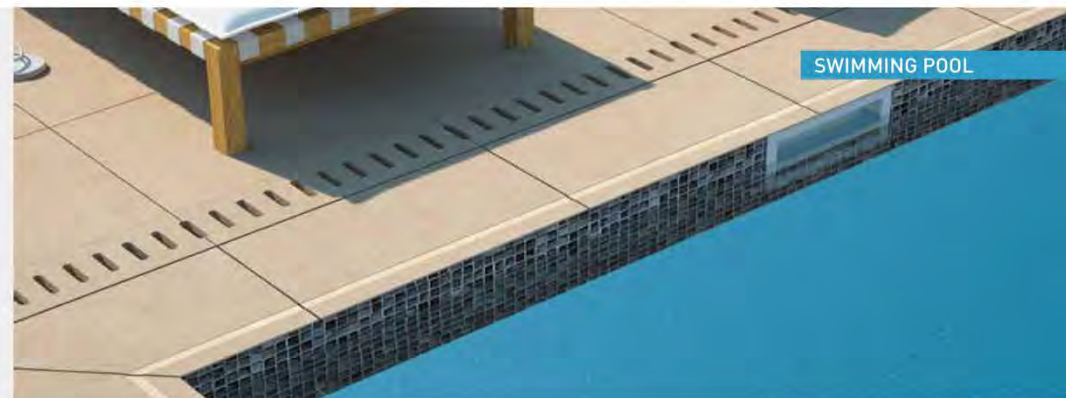
- (1) Grooved riser 15x120 (6"x48") / 15x90 (6"x36")
- (2) Large step 30x120 (12"x48") / 30x90 (12"x36")
- (3) Riser 15x120 (6"x48") / 15x90 (6"x36")
- (4) Grip large step 30x120 (12"x48") / 30x90 (12"x36")
- (5) U edge - 15x15x60 (6"x6"x24")
- (6) L edge - 15x15x60 (6"x6"x24")
- (7) Grid 15 - 15x60 (6"x24")
- (8) LH grid corner tile 15 - 15x60 (6"x24")
- (9) RH grid corner tile 15 - 15x60 (6"x24")
- (10) End conduit - 15x8x60 (6"x3 1/8"x24")
- (11) LH corner conduit 15x8x60 (6"x3 1/8"x24")
- (12) RH corner conduit 15x8x60 (6"x3 1/8"x24")
- (13) Conduit - 15x8x60 (6"x3 1/8"x24")
- (14) Cover - 30x120 (12"x48")
- (14a) End cover - 30x120 (12"x48")
- (17) Assembled countertop - 40x40 (16"x16")
- (18) Assembled countertop - 50x50 (20"x20")
- (19) Reverse countertop - 40x40 (16"x16")
- (20) Reverse countertop - 50x50 (20"x20")
- (21) L large step 30x60 (12"x24") / 30x90 (12"x36")
- (22) L grip large step 30x60 (12"x24") / 30x90 (12"x36")
- (23) Straight edge 30 - 30x60 (12"x24")
- (24) Straight edge 15 - 15x60 (6"x24")
- (25) Straight corner 30 LH - 30x60 (12"x24")
- (26) Straight corner 30 RH - 30x60 (12"x24")
- (27) Straight corner 15 LH - 15x60 (6"x24")
- (28) Straight corner 15 RH - 15x60 (6"x24")
- (29) Curved corner 30 - 60x60 (12"x24")







# SPECIAL PIECES FOR POOLS



<b>Straight border 30</b>   <b>Trim dimensions</b> A: 598 mm B: 298 mm C: 20 mm 	<b>Straight corner tile 30 RH</b>   <b>Trim dimensions</b> A: 598 mm B: 298 mm 45° cut for angle C: 20 mm 	<b>Straight corner tile 30 LH</b>   <b>Trim dimensions</b> A: 598 mm B: 298 mm 45° cut for angle C: 20 mm 
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<b>Curved corner 30</b>   <b>Trim dimensions</b> A: 598 mm B: 298 mm C: 300 mm (Internal radius) C: 20 mm 	<b>Curved corner 15</b>   <b>Trim dimensions</b> A: 598 mm B: 148 mm C: 450 mm (Internal radius) C: 20 mm 
--	--

<b>Straight border 15</b>   <b>Trim dimensions</b> A: 598 mm B: 148 mm C: 20 mm 	<b>Straight corner tile 15 RH</b>   <b>Trim dimensions</b> A: 598 mm B: 148 mm 45° cut for angle C: 20 mm 	<b>Straight corner tile 15 LH</b>   <b>Trim dimensions</b> A: 598 mm B: 148 mm 45° cut for angle C: 20 mm 
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<b>Internal curved corner 30</b>   <b>Trim dimensions</b> A: 598 mm B: 298 mm C: 150 mm (internal radius) C: 20 mm 	<b>Internal curved corner 15</b>   <b>Trim dimensions</b> A: 298 mm B: 148 mm C: 150 mm (internal radius) C: 20 mm 	<b>External curved corner 30</b>   <b>Trim dimensions</b> A: 298 mm B: 150 mm (external radius) C: 20 mm 	<b>External curved corner 15</b>   <b>Trim dimensions</b> A: 148 mm B: 150 mm (external radius) C: 20 mm 
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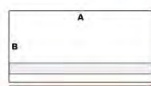


# SPECIAL PIECES FOR POOLS



SWIMMING POOL

**Countersunk border**



**Trim dimensions**

A: 598 mm B: 298 mm C: 20 mm  
Semi-elliptical countersink: 45 mm x 5 mm  
distance from border: 35 mm

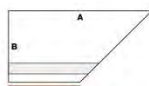


Rectified



"bull-nose"

**Countersunk corner tile RH**



**Trim dimensions**

A: 598 mm B: 298 mm C: 20 mm  
45° cut for angle  
Semi-elliptical countersink: 45 mm x 5 mm  
distance from border: 35 mm

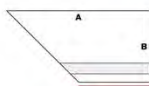


Rectified



"bull-nose"

**Countersunk corner tile LH**



**Trim dimensions**

A: 598 mm B: 298 mm C: 20 mm  
45° cut for angle  
Semi-elliptical countersink: 45 mm x 5 mm  
distance from border: 35 mm

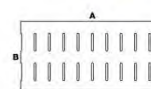


Rectified



"bull-nose"

**Grid 30**



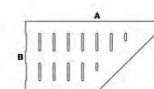
**Trim dimensions**

A: 598 mm  
B: 298 mm  
C: 20 mm  
18 through holes 75 mm x 8 mm  
4 half-through holes 75 mm x 8 mm



Rectified

**Grid corner tile 30 RH**



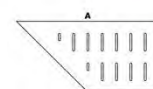
**Trim dimensions**

A: 598 mm  
B: 298 mm  
C: 20 mm  
45° cut for angle  
10 through holes 75 mm x 8 mm  
2 through holes 37 mm x 8 mm  
2 half-through holes 75 mm x 8 mm



Rectified

**Grid corner tile 30 LH**



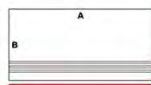
**Trim dimensions**

A: 598 mm  
B: 298 mm  
C: 20 mm  
45° cut for angle  
10 through holes 75 mm x 8 mm  
2 through holes 37 mm x 8 mm  
2 half-through holes 75 mm x 8 mm



Rectified

**Grip border**



**Trim dimensions**

A: 598 mm B: 298 mm C: 20 mm  
Three millings for anti-slipperiness  
distance from border: 35 mm



Rectified



"bull-nose"

**Grip corner tile RH**



**Trim dimensions**

A: 598 mm B: 298 mm C: 20 mm  
45° cut for angle  
Three millings for anti-slipperiness  
distance from border: 35 mm



Rectified



"bull-nose"

**Grip corner tile LH**



**Trim dimensions**

A: 598 mm B: 298 mm C: 20 mm  
45° cut for angle  
Three millings for anti-slipperiness  
distance from border: 35 mm

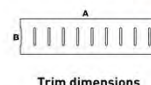


Rectified



"bull-nose"

**Grid 15**



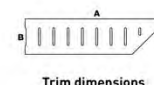
**Trim dimensions**

A: 598 mm  
B: 148 mm  
C: 20 mm  
9 through holes 75 mm x 8 mm  
2 half-through holes 75 mm x 8 mm



Rectified

**Grid corner tile 15 RH**



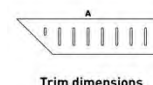
**Trim dimensions**

A: 598 mm  
B: 148 mm  
C: 20 mm  
45° cut for angle  
7 through holes 75 mm x 8 mm  
1 through hole 37 mm x 8 mm  
1 half-through hole 75 mm x 8 mm



Rectified

**Grid corner tile 15 LH**



**Trim dimensions**

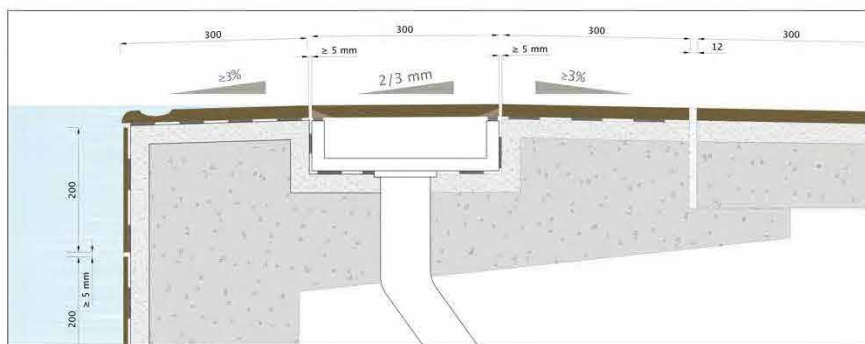
A: 598 mm  
B: 148 mm  
C: 20 mm  
45° cut for angle  
7 through holes 75 mm x 8 mm  
1 through hole 37 mm x 8 mm  
1 half-through hole 75 mm x 8 mm



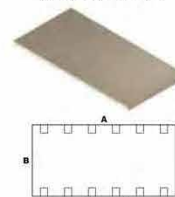
Rectified

# INVISIBLE GRID

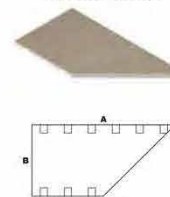
A **new solution** for water recirculation for deck-level pools.



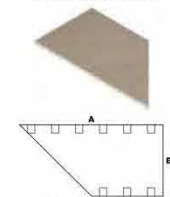
**Grid 30  
with incisions**



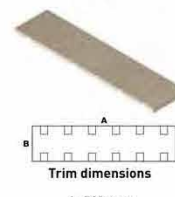
**Grid corner tile 30 RH  
with incisions**



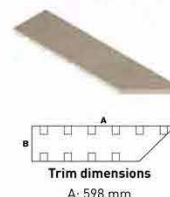
**Grid corner tile 30 LH  
with incisions**



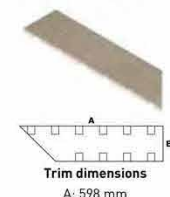
**Grid 15  
with incisions**



**Grid corner tile 15 RH  
with incisions**



**Grid corner tile 15 LH  
with incisions**



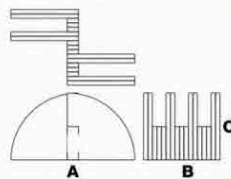
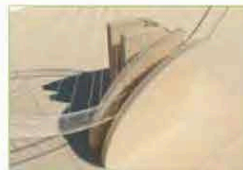


## GARDENS

### SPECIAL PIECES FOR URBAN DESIGN



BIKE RACK

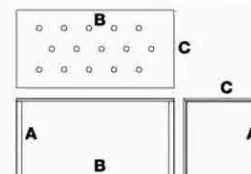


Trim dimensions (nominal sizes)

A: 550 mm / 22"  
B: 340 mm / 13½"  
C: 300 mm / 12"  
C: 20 mm / ¾"



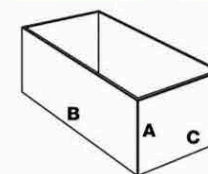
BENCH



Trim dimensions (nominal sizes)

A: 600 mm / 24"  
B: 1200 mm / 48"  
C: 600 mm / 24"  
C: 20 mm / ¾"

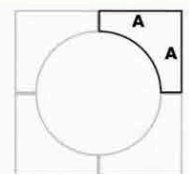
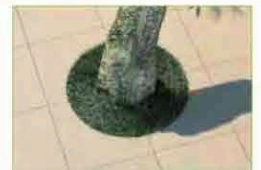
FLOWER BOX



Trim dimensions (nominal sizes)

A: 600 mm / 24"  
B: 600 mm / 24"  
C: 600 mm / 24"  
C: 20 mm / ¾"

FLOWER BED



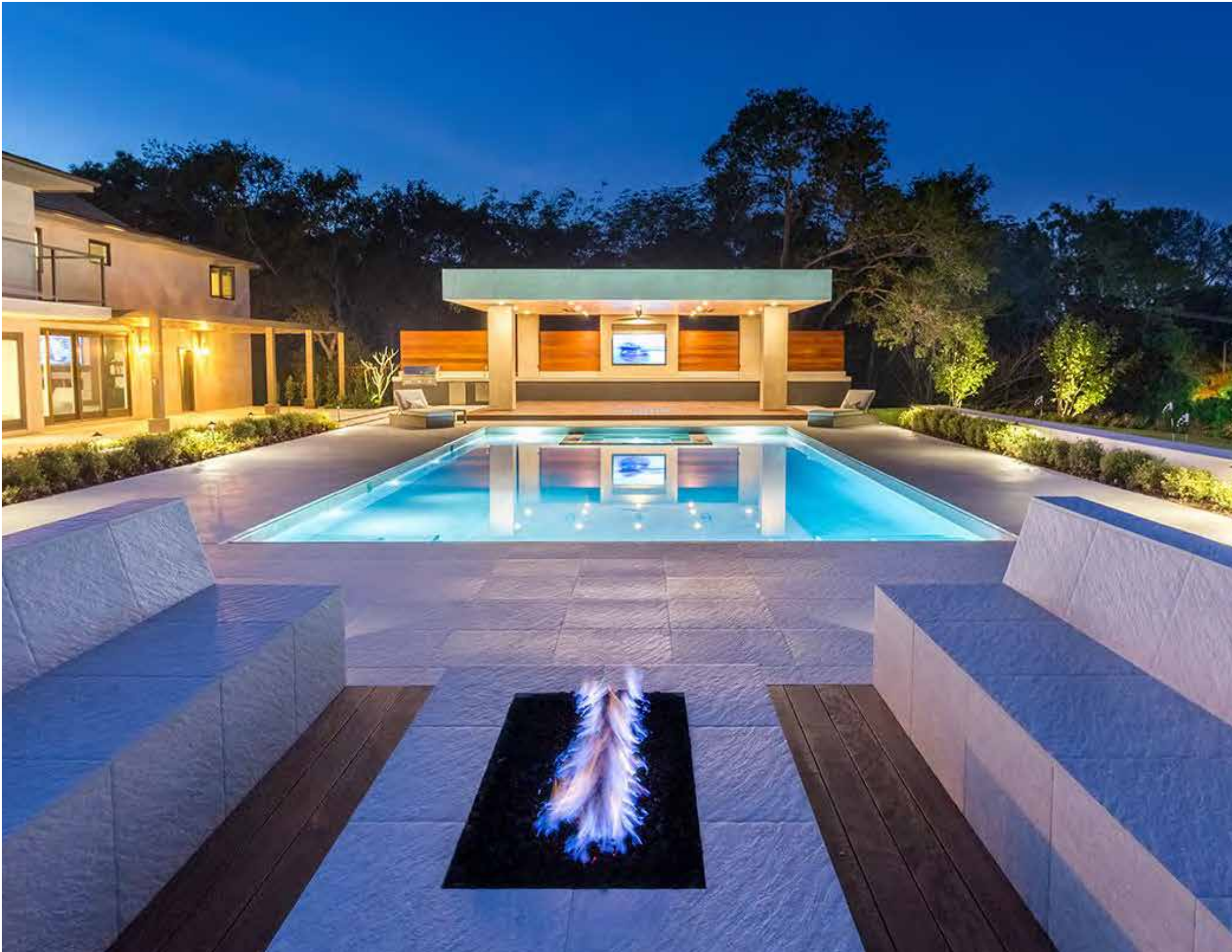
Trim dimensions (nominal sizes)

A: 600 mm / 24"  
B: 20 mm / ¾"

Rectified

"bull-nose"









# Demand Better for Yourself and the Environment

Decking choices often fall on picking either functionality OR environmental impact. We can demand better.

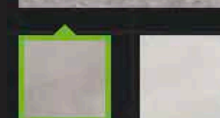
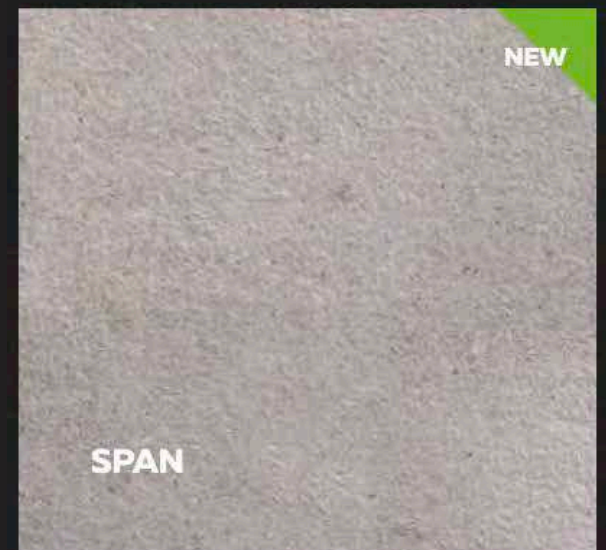
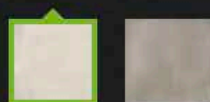
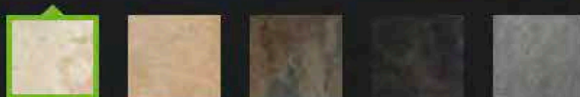
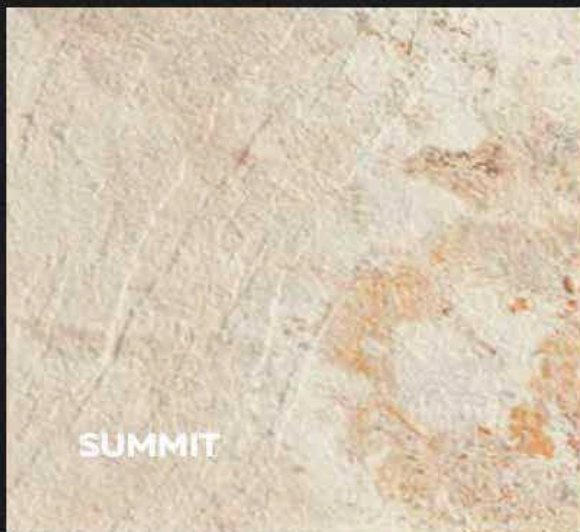
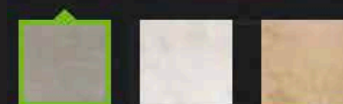
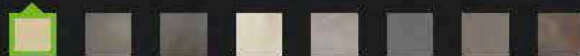
Mbrico embodies both the highest environmental and LEED standards as well as the most versatile decking material able to integrate beautifully into any design.

Mbrico porcelain stoneware is a compact, resistant material with virtually nil porosity (and therefore absorbs almost no water). The outstanding feature of porcelain stoneware slabs is their composition. Only the purest materials are used. It is a material with high technical and visual performance.

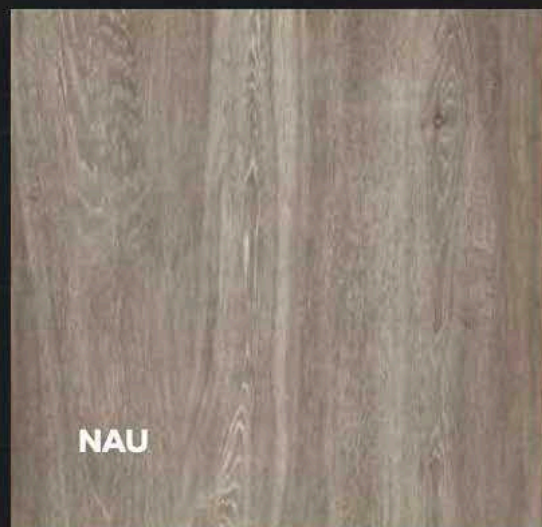
Slabs obtained by pressing, followed by vitrification: this process involves the total fusion into a single material made from natural raw materials (sand, quartz, feldspars, kaolin, clays and natural colorants) which, fired at temperatures above 1230°C (2240°F), are transformed into a product with exceptional hardness, practically no absorption at all and unmatched mechanical characteristics.

At Mbrico, we offer a practical solution that combines the undisputed appeal of a natural chic style with the high performance and low maintenance of porcelain stoneware.

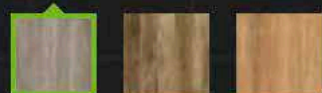








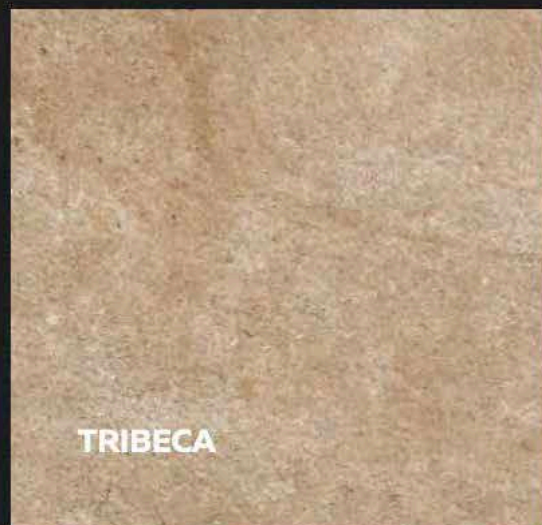
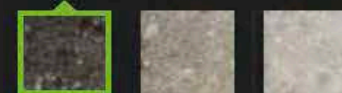
NAU



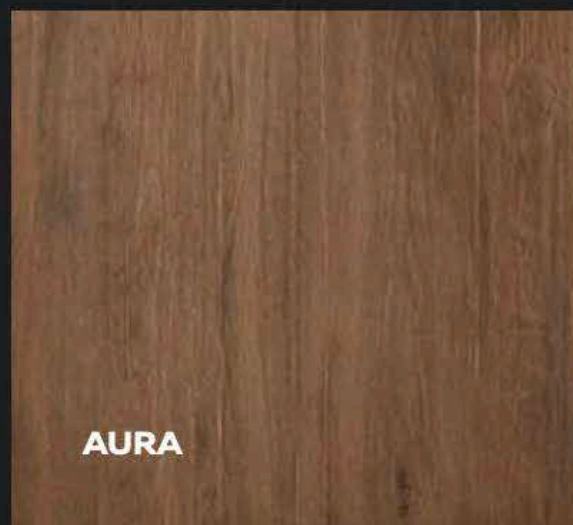
STONES 2.0



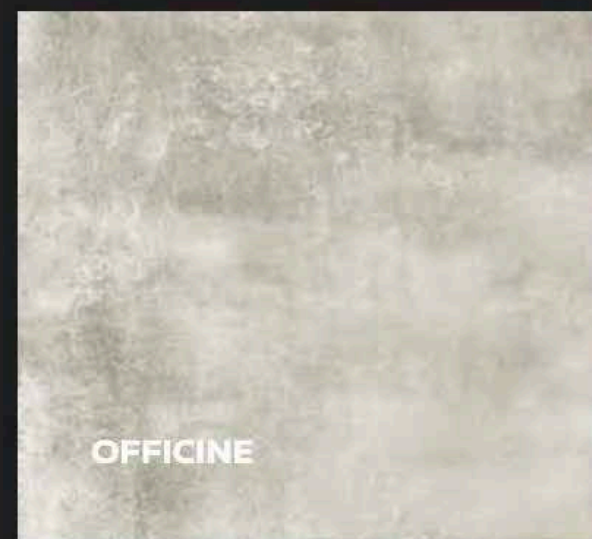
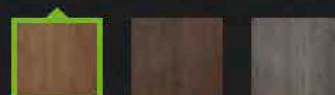
NORR



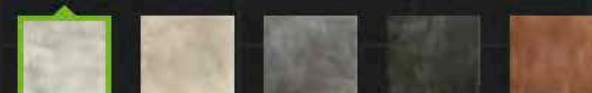
TRIBECA

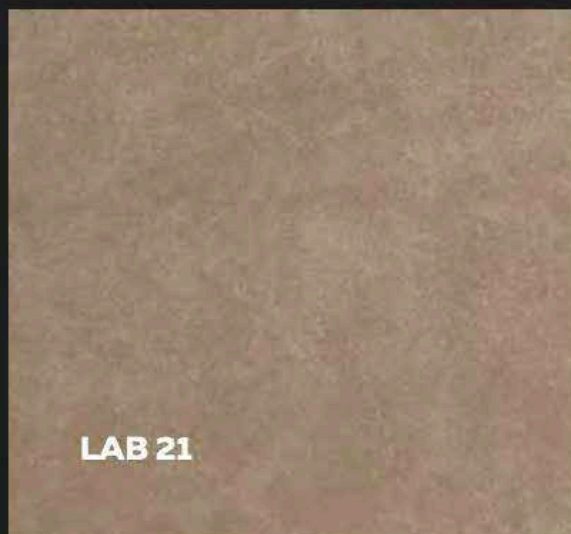
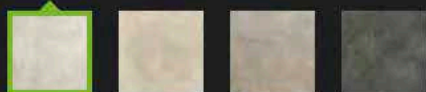
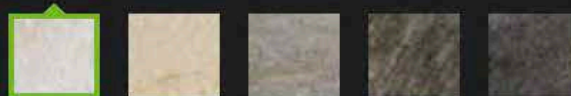
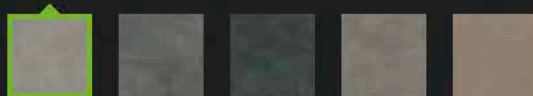
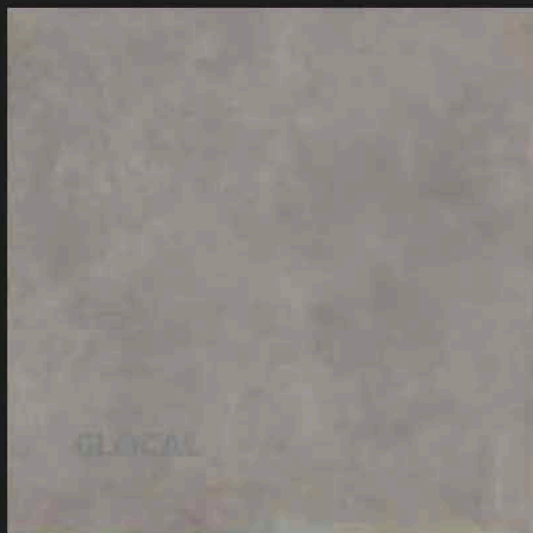


AURA



OFFICINE







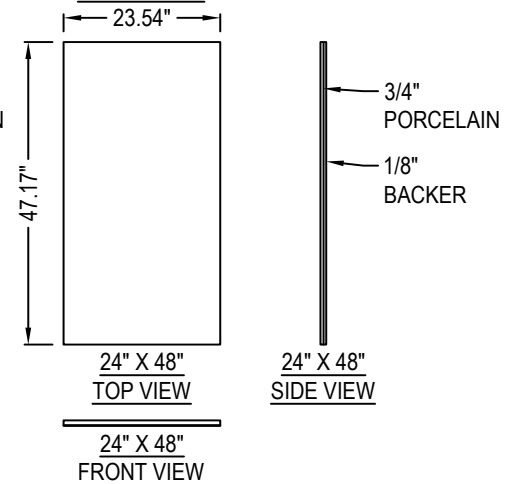
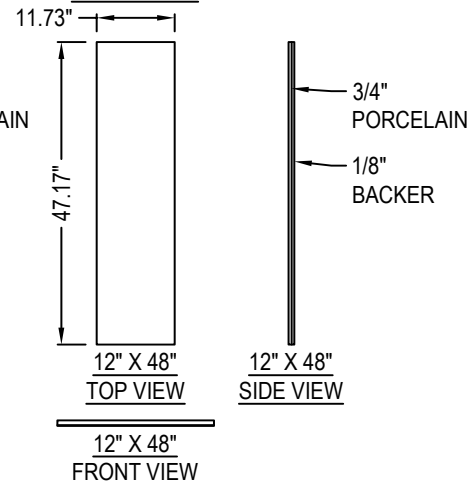
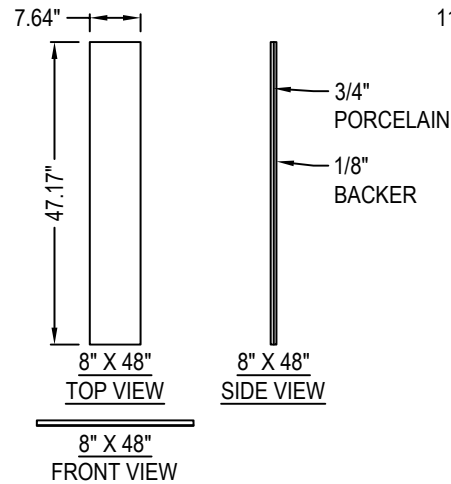
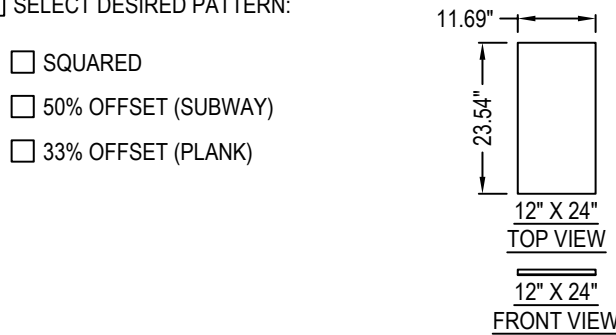
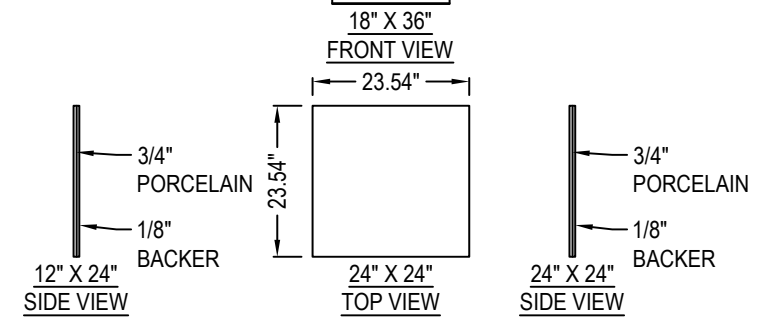
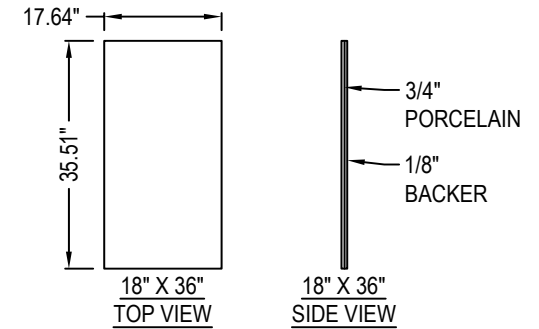
# RAISED FLOOR TILE SIZES

☒ SELECT DESIRED SIZE:

- ☐ 12 X 24
- ☐ 24 X 24
- ☐ 18 X 36
- ☐ 8 X 48
- ☐ 12 X 48
- ☐ 24 X 48

☒ SELECT DESIRED PATTERN:

- ☐ SQUARED
- ☐ 50% OFFSET (SUBWAY)
- ☐ 33% OFFSET (PLANK)



## Your Choice, Down to the Finest Detail

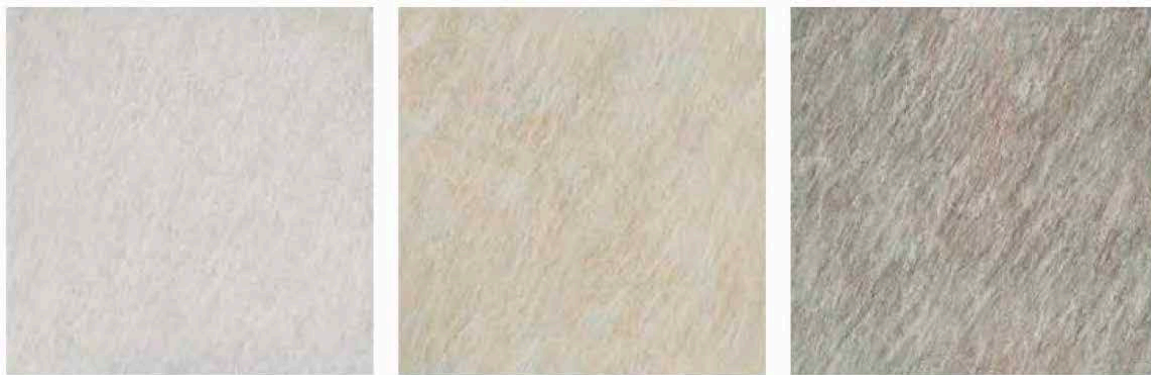
5 standard sizes available for you to achieve any look you can dream up.

The first 20 mm ( $\frac{3}{4}$ " ) thick porcelain stoneware produced and sold as a complete outdoor deck and rooftop system.

A complete system of floor coverings and special pieces for public and residential outdoor spaces, presented in a single, attractive and high-performing range.

A new concept offering a wide range of different sizes, colors, finishes and laying styles.

24x24"



24x48"



12x24"







12x48"



8x48"









# TECHNICAL CHARACTERISTICS OF THE CERAMIC MATERIAL

STANDARD EN 14411-6



TECHNICAL DATA	STANDARD	INTERNATIONAL STANDARDS	*MIRAGE® AVERAGE VALUE
SIDES	EN ISO 10545-2	± 0,6% MAX (± 2,0 mm MAX)	COMPLYING
THICKNESS	EN ISO 10545-2	± 5,0% MAX (± 0,5 mm MAX)	COMPLYING
WATER ABSORPTION	EN ISO 10545-3	≤ 0,5%	0,05%
FLEXION RESISTANCE	EN ISO 10545-4 EN 1339	S ≥ 1.300 N (> 7,5 mm) R ≥ 35 N/mm² —	S 13.671 N R 51,7 N/mm² T 11*
IMPACT RESISTANCE	EN ISO 10545-5	DECLARED VALUE	0,88
ABRASION RESISTANCE	EN ISO 10545-6	≤ 175 mm³	139 mm³
COEFFICIENT OF LINEAR THERMAL-EXPANSION	EN ISO 10545-8	—	6,3 x10 <sup>-6</sup> °C <sup>-1</sup>
RESISTANCE TO THERMAL SHOCKS	EN ISO 10545-9	PASS ACCORDING EN ISO 10545-1	NO DAMAGE
FROST RESISTANCE	EN ISO 10545-12	PASS ACCORDING EN ISO 10545-1	NO DAMAGE
RESISTANCE TO CHEMICALS	EN ISO 10545-13	UB MIN.	UA ULA UHA
RESISTANCE TO STAINS	EN ISO 10545-14	DECLARED VALUE	5
STATIC LOAD (60x60)	EN 12825	— — —	CENTRE 6,40 kN CENTRE POINT OF SIDE 7,43 kN DIAGONAL 4,14 kN

	SURFACE		AD	EP	NE	RR	QR	SO	TB	NA	NN	RL	SI	SD	LB	GC	MP	OF
			NAT	ST	ST	ST/STA	NAT	ST	NAT	RD	RD	RD	RD	RD	ST	ST	ST	ST
SKID RESISTANCE	DM. 236/89 BCRA	> 0,40	> 0,40	> 0,40	> 0,40	> 0,40	> 0,40	> 0,40	> 0,40	> 0,40	> 0,40	-	> 0,40	> 0,40	> 0,40	> 0,40	> 0,40	> 0,40
	ASTM C1028	DRY > 0,60	> 0,90	> 0,85	> 0,85	> 0,70	> 0,85	> 0,85	> 0,70	> 0,90	> 0,90	-	> 0,85	> 0,90	> 0,85	> 0,60	> 0,85	> 0,95
	ASTM C1028	WET > 0,60	> 0,70	> 0,65	> 0,70	> 0,75	> 0,80	> 0,65	> 0,80	> 0,75	> 0,70	-	> 0,75	> 0,70	> 0,65	> 0,60	> 0,70	> 0,80
	ANSI A137.1	WET > 0,42	> 0,95	> 0,70	> 0,65	> 0,65	> 0,70	> 0,70	> 0,85	> 0,60	> 0,75	-	> 0,65	> 0,75	> 0,70	> 0,42	> 0,65	> 0,70
	DIN 51130	—	R11	R11	R11	R11	R11	R11	R10	R11	R11	R11	R11	R11	R11	R11	R11	R11
	DIN 51097	—	A+B+C	A+B+C	A+B	A+B+C	A+B	A+B+C	A	A+B	A+B+C	A+B+C	A+B	A+B+C	A+B+C	-	A+B	A+B
	ENV 12633	> CL1	-	CL2	CL2	CL3	CL2	CL2	CL2	CL3	CL3	-	CL2	CL3	CL2	CL1	-	-

For specific certificates, please contact Mirage® SPA

\* = Valid only for square formats.

ASTM C1028 - ANSI A137.1 : Value are approximate and may vary slightly depending on the collection.



DM. 236/89 BCRA: Italy

ASTM Wet and Dry: USA, Canada, Mexico

DIN 51130: Germania and Europe

DIN 51097: Germania and Europe

ENV 12633: Spain

# DICOVER THE DEDICATED CRAFT OF EACH MBRICO PROJECT

## PLAN

Your plan is our inspiration. Whether you have detailed architectural plans, or a concept on a napkin, our draftsmen will work with you on each and every specification to create your Mbrico project.

## DESIGN

Our Certified Designers have an expertise in making your vision a reality. Let their warm, artistic sensibility translate into the perfect, spirited outdoor living environment for you.

## DETAIL

Obtaining perfection means every detail matters. For architectural drawings and details, visit our website or [caddetails.com](http://caddetails.com) to see our full library of drag and drop ready architectural details and specifications.

## DRAW

Down to 2 final colors? On the fence about a railing? Our design team can create a three-dimensional rendering of a project to finalize your one of a kind work-of-art.











*decks • rooftops • hardscape*





[mbricotiledecks.com](http://mbricotiledecks.com)