



MBRICO



L I M I T L E S S

PORCELAIN DECKS AND FLATROOFS

PATENTS ISSUED AND PENDING

USA Catalog Edition 7



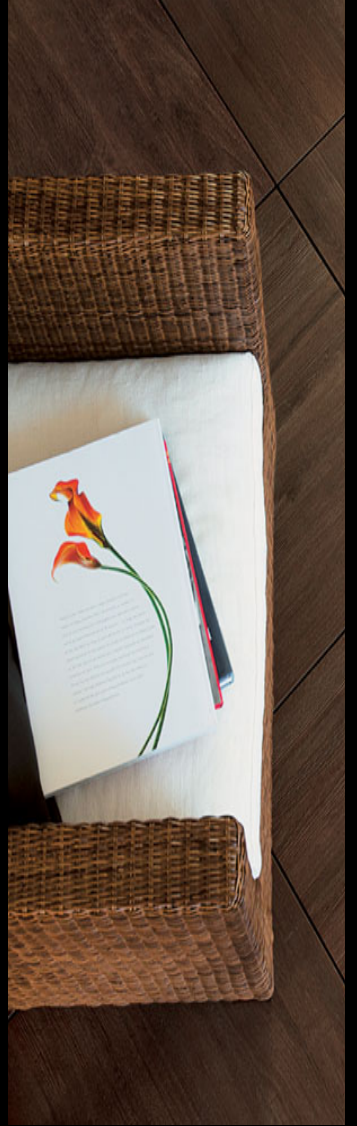
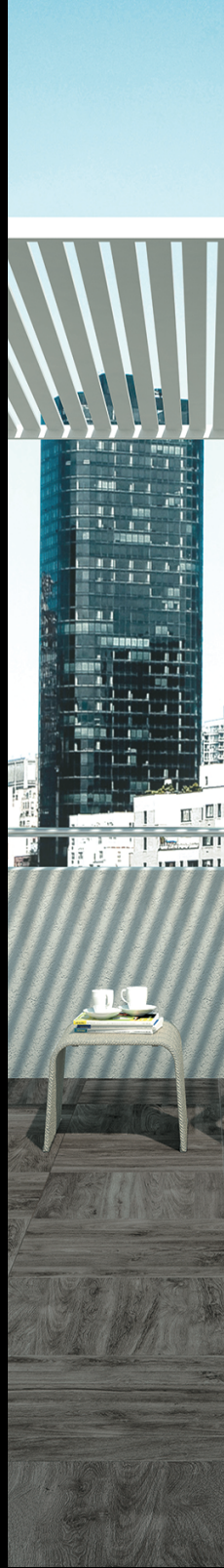



MBRICO

3 COMPLETE SYSTEMS

1. RESIDENTIAL FRAMED DECKS
2. COMMERCIAL FLAT-ROOFS
3. VENTILATED CONCRETE BALCONIES
POOLS – PATIOS – WALKWAYS







Will not rot, mold, warp, stain, crack, splinter, crumble, or fade.



UN
FOR
GET
ABLE

Deck Products





MBRICO



FROST RESISTANT

The material features reduced water absorption (only 0.05%). The slabs do not alter their technical performance and are not susceptible to damage at low temperatures.



RESISTANT TO THERMAL SHOCK

From -50°C to $+60^{\circ}\text{C}$ maintaining the same technical, aesthetic features and longevity of the material over time.



CHROMATIC STABILITY

Color remains unchanged over time.



HIGH BREAKAGE LOAD

Every single slab can bear a load of up to 1000kg.



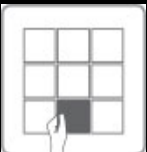
EASY TO CLEAN

Mbrico tile deck products are easy to clean, even when cleaning using pressure washers the surface of the material does not suffer any damage.



RESISTANT TO MOLD

Mbrico tile deck products are an inhospitable surface for any form of vegetative growth, and, as such, does not encourage the development of molds or moss.



EASY TO INSTALL

Squared and single work-size. The material undergoes rectification and computerized control of its squaring therefore can guarantee the precise coupling of slabs for installation in any destination of use.



ANTI-SLIP

Mbrico Tile Deck surfaces are anti-slip.

Premium decking gives you more to stand on

Skillfully crafted with Italian Porcelain and time-tested across the world, Mbrico Tile Decks and Rooftops bring long-lasting quality to any deck.



2015 NADRA National Deck Competition Award
- People's choice-Product Manufacturer



NAHB Green Building Young Professional of the Year Nomination



THIS OLD HOUSE magazine's Editor's pick - May 2016



2016 "Best of IBS" Award Finalist - NAHB International Builder's Show



Minneapolis Home & Garden Expo Innovation Avenue Winner - Presented by HGTV's Sasha Andreev





DECKS

*PREMIUM RESIDENTIAL
PORCELAIN DECKS*

THERE IS NO SUBSTITUTE.

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

Mbrico Tile Decks™ manufactures and supplies a pioneering deck surface that consists of high quality, grout free porcelain stoneware that is frost, mold, rot, slip, and fade resistant. This concept is a decking industry innovation that provides consumers with a maintenance free green product for their deck while also demonstrating higher quality overall.



MBRICO TILE DECKS™: 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."





Elevate It

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

Design It

With over 40 colors and patterns available including wood, stone, aggregate and contemporary appearances, Mbrico can satisfy any taste.

Install It

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

Live It

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



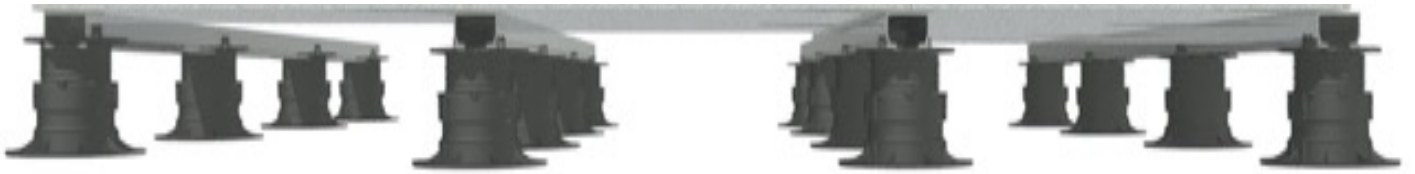
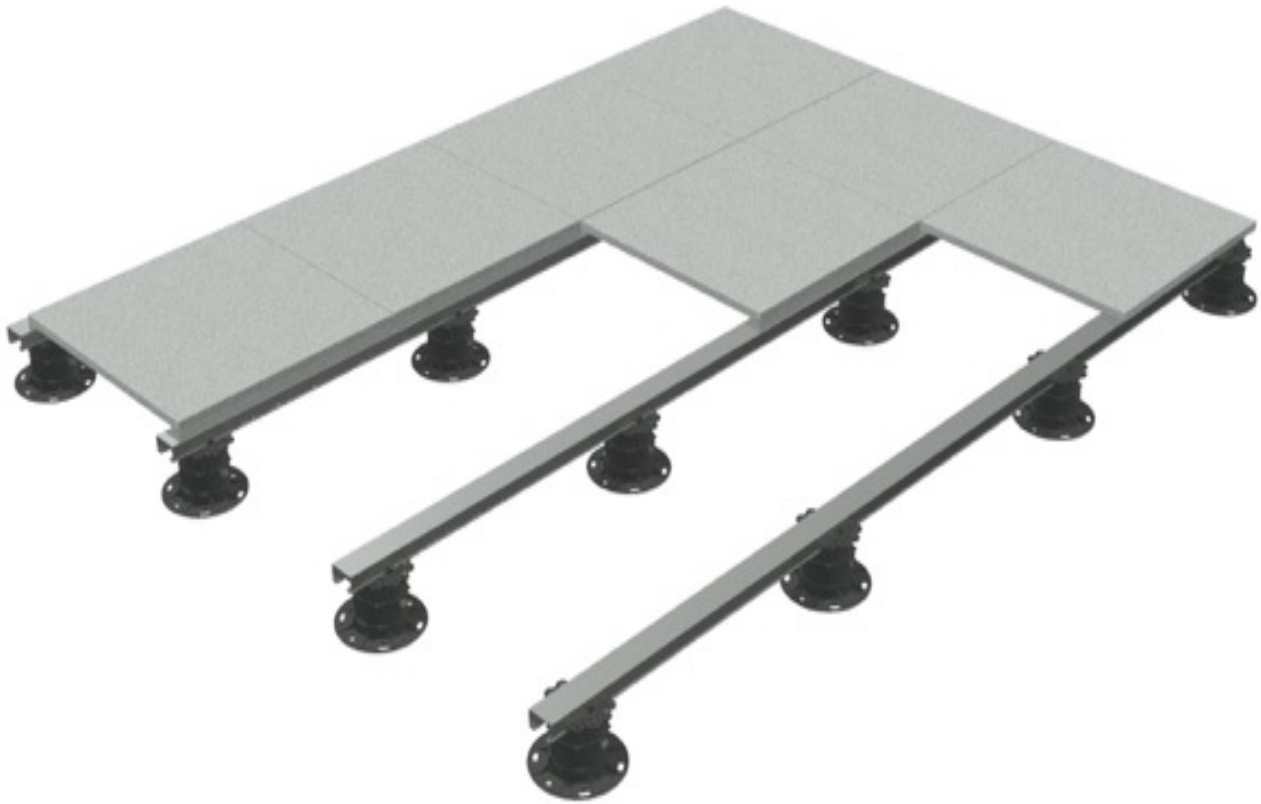


FLAT- ROOFS

*TIMELESS. FEARLESS.
ROOFTOPS.*

Mbrico™ means passion, innovation, engineering and the eternal quest for perfection and simplicity.

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.



Easy Installation

1

Fasten Track to joists or pedestals.

2

Use tiles as spacers to work across surface.

3

Sit back and enjoy!



WIND AND FIRE SOLUTIONS

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.



DO THE MATH

1/3rd *Mbrico weighs one third the weight of comparable concrete rooftop systems.*

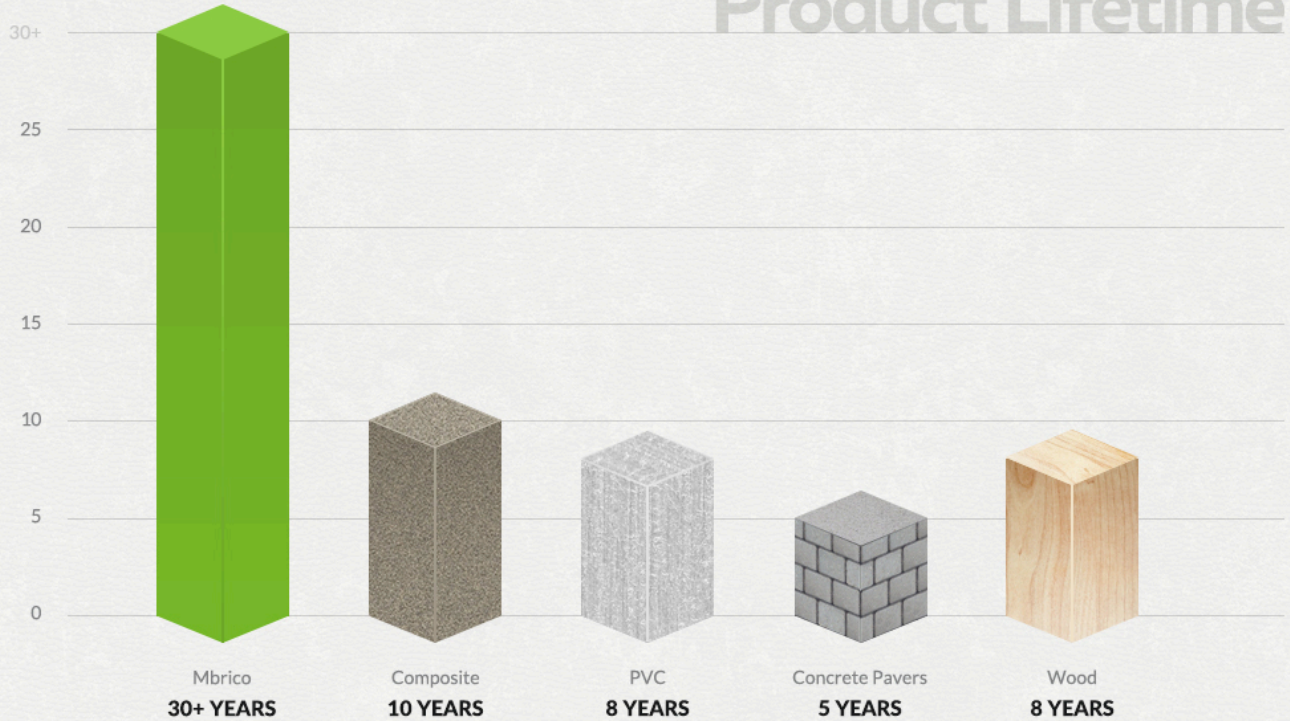
10x *Mbrico is warrantied for approximately 10 times the lifetime of comparable concrete products.*

30% *Installation crews report that Mbrico takes them approximately 30% less time to install in comparison to comparable concrete paver & pedestal systems.*

Sustainability

Mbrico Tile Decks are not only inspired by nature; they are also designed to have as little impact on the environment as possible.

Product Lifetime







VENTILATED OVER CONCRETE

CREATING A HIGHER STANDARD OF BALCONIES

Are you an architect, builder, designer? In creating Mbrico ventilated systems, we thought of you, and your need to offer safe and practical design products suited for any pre or post stressed concrete setting. Fire, wind, mold, frost, and stain resistant porcelain designed as a free-floating surface above your concrete.

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

Every Mbrico™ project is a work of art. It's perfection expressing a proud history in construction, unmistakable styling and technological innovation, enhanced by the simplicity and experience that take place on the surface.



ADVANTAGES



NO SEASONAL SURFACE TREATMENTS REQUIRED.



SIMPLE TO INSTALL.



STABLE FLOOR SURFACE.



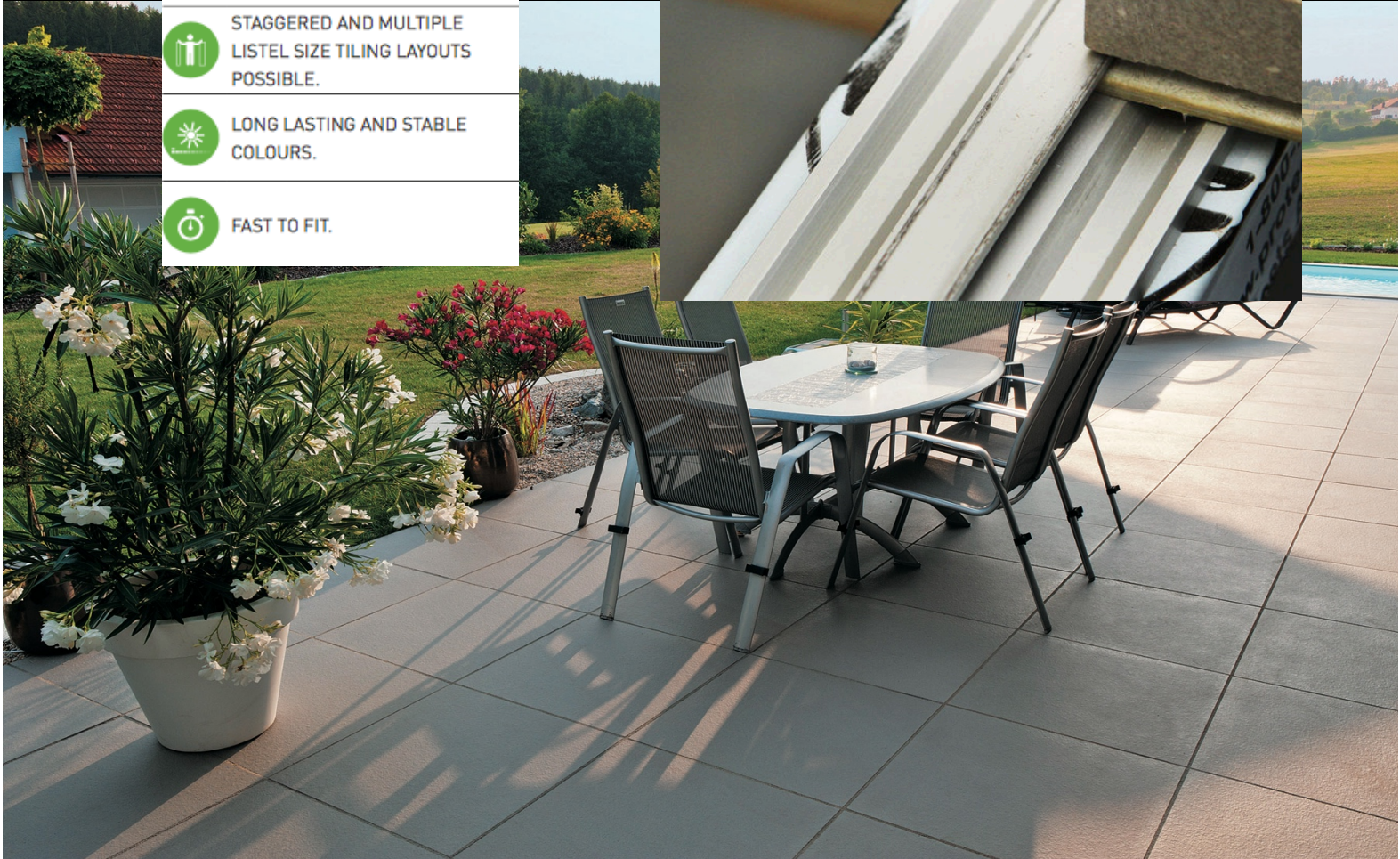
STAGGERED AND MULTIPLE LISTEL SIZE TILING LAYOUTS POSSIBLE.



LONG LASTING AND STABLE COLOURS.



FAST TO FIT.





Ventilated Over Concrete: For application directly above existing concrete patios and balconies.

GROUT FREE.

MORTAR FREE.

WORRY FREE.





HARD- SCAPES

TIMELESS. FEARLESS.

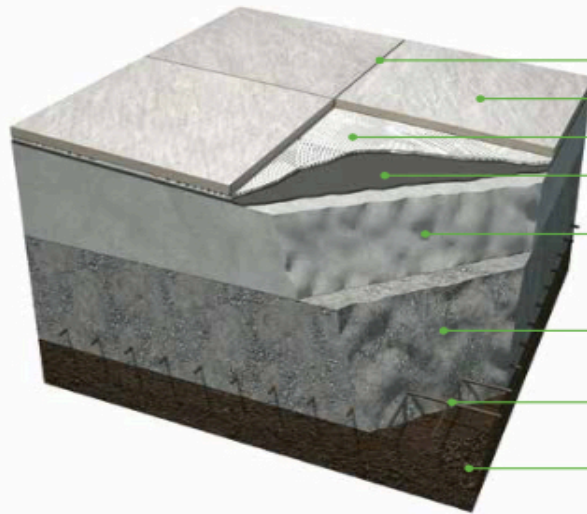
THE CUTTING EDGE, SHARPENED.

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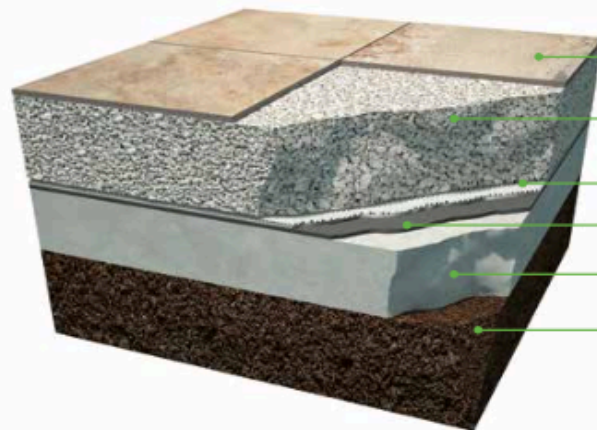


ADHESIVE INSTALLATION



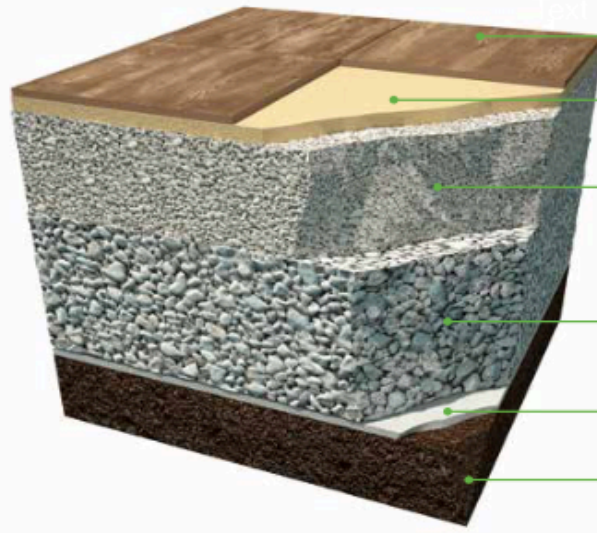
- ▶ Cement grout min CG2W (EN 13888)
- ▶ EVO_2/E™
- ▶ Glue for outdoors min C2ES1 (EN 12004)
- ▶ Possible layer of cement waterproofing (2/4 mm)
- ▶ Sloping Screed (5/10 cm - >1.5%)
- ▶ Reinforced concrete with electro-welded mesh (10/25 cm)
- ▶ Electro-welded mesh
- ▶ Earth

INSTALLATION ON GRAVEL

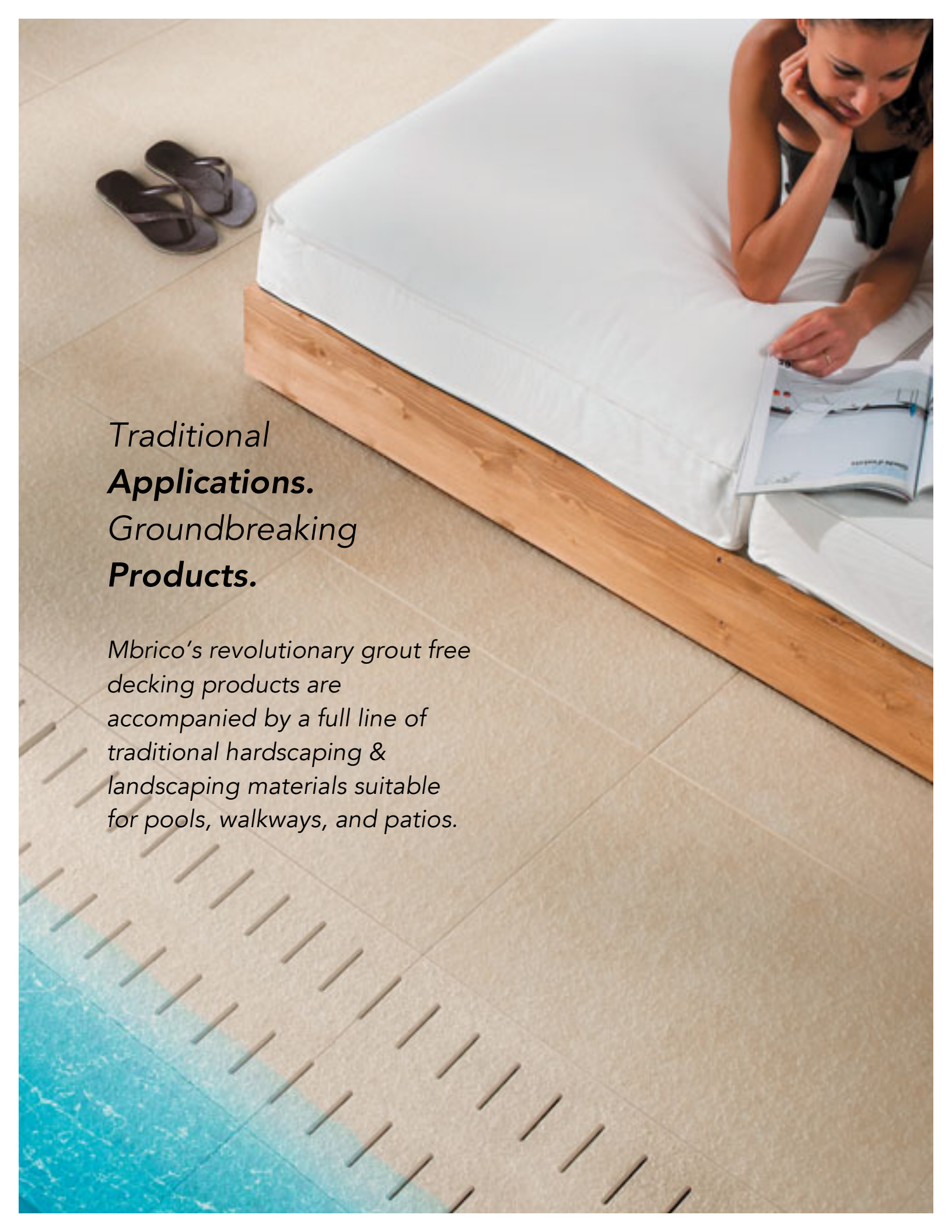


- ▶ EVO_2/E™
- ▶ Gravel Ø 3/6 mm (10/30 cm)
- ▶ Honeycomb mat
- ▶ Waterproofing layer
- ▶ Concrete base (10/20 cm) with 0,5-2% slope
- ▶ Subgrade

INSTALLATION ON GRAVEL



- ▶ EVO_2/E™
- ▶ Sand (2/5 cm)
- ▶ Gravel Ø 0/20 mm (20/40 cm)
- ▶ Gravel Ø 40/80 mm (30/50 cm)
- ▶ Geotextile
- ▶ Subgrade



**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.



TECHNICAL DATA

TECHNICAL DATA	STANDARD	INTERNATIONAL STANDARDS	*MIRAGE® AVERAGE VALUE
SIZE CHARACTERISTICS			
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 x 10 ⁻⁶ °C ⁻¹
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

SKID RESISTANCE	SURFACE	AD EP NE RR QR SO TB NA NN SI SD LB MP OF															
		NAT	ST	ST	ST/STA	NAT	ST	NAT	RD	RD	RD	RD	ST	ST	ST		
	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	
	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	> 0,85	> 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	> 0,70	> 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	> 0,65	> 0,70	
	DIN 51130	—	R11	R11	R11	R11	R11	R11	R10	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	A+B+C	A+B+C	A+B	A+B	
	ENV 12633	> CL1	-	CL2	CL2	CL3	CL2	CL2	CL2	CL3	CL3	CL2	CL3	CL2	-	-	

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.



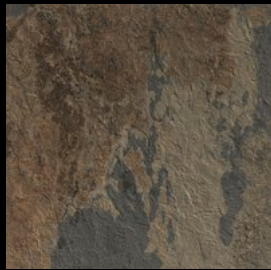
COLLECTIONS



Summit- Whitney



Summit - Sierra



Summit - Muir



Summit - Shadow



Summit - Denali



Mashup-Block



Mashup-Way



Mashup-Road



Mashup-Square



Tribeca - Greenwich



Tribeca-Broadway



Tribeca-Harrison



Tribeca-Hudson



Tribeca-Watts



Nau-Fado



Nau-Indie



Nau-Epic



Stones-Pierre B. Sablee



Stones-Pierre Bleue



Stones-Chambrod



Norr - Svart



Norr - Gra



Norr - Vit



Esprit - Crema Luna



Esprit - Lagos Grey



Esprit - Pietra Paisentina



Esprit - Crema Delicato



Lab 21 - Mou



Lab 21 - Fog



Quarziti - Glacier



Quarziti - Mountans



Quarziti - Waterfall



Quarziti - River



Quarziti - Mantle



Aura - Alpine



Aura - Linwood



Aura - Aspen



Officine - Acid



Officine - Romantic



Officine - Gothic



Officine - Dark

Product Comparison

	Mbrico	PVC & Vinyl	Composite & Plastic	Grouted Tile & Stone	Wood	Concrete Pavers
Scratch and dent resistant	✓			✓		✓
Termite and insect resistant	✓	✓	✓	✓		✓
Frost resistant	✓	✓	✓		✓	
Thermal shock resistant	✓	✓	✓		✓	
Chromatic stability	✓			✓		
High weight capacity	✓				✓	✓
Easy-to- clean	✓					
Mold and moss resistant	✓					
Easy-to- install	✓	✓	✓		✓	
Stain resistant	✓					
Indoor and outdoor applications	✓			✓		
Anti-slip	✓			✓		✓
Chemical resistant	✓			✓		
Wind Up-Lift Resistant	✓					✓
Flame Resistant	✓			✓		✓



Groundbreaking DECK PRODUCTS



PATENTS ISSUED AND PENDING

USA Catalog Edition 7

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