



# MBRICO

Updated: 10/17/2018

## Mbrico Decking System Specifications:

Nominal Sizes for order: 24x24, 12x24, 18x36, 24x48, 8x48 (wood look only), 12x48 (wood look only)

Nominal thickness with plate: 3/4" (2CM)

Actual Thickness with plate: .92"

Gage/Weight: 10.6# PSF

Shape: Square (CNC verified to 1/32")

True sizes:

24x24" : 23.54" x 23.54"

12x24" : 11.69" x 23.54"

24x48" : 23.54" x 47.17"

18x36" : 17.64" x 35.51"

8x48" : 7.64" x 47.17"

12x48" : 11.73" x 47.17"

Between Tile Gap/Joint spacing: 3/16"

Thickness of tile seated in aluminum track component: 2.24"

Colors:

Esprit: Crema Luna, Lagos Grey, Pietra Paisentina, Crema Delicato,

Quarziti: Glacier, Mountains, Waterfall, River, Mantle

Summit: Whitney, Sierra, Muir, Shadow, Denali

Mashup: Block, Way, Road, Square

Lab 21: Mou, Fog

Nau: Fado, Indie, Zen

Norr: Svart, Gra, Vit

Stones 2.0: Pierre Bleue Sablee, Pierre Bleue, Chambrod

Tribeca: Greenwich, Broadway, Harrison, Hudson, Watts

Officine: Acid, Romantic, Gothic, Dark

Aura: Alpine, Linwood, Aspen

## Tile Component

Material: Porcelain w/ fiberglass plate substrate

Gage/Weight: Included in system weight

Specific ratings: Can be found in reference table below



# MBRICO

## Substrate Component:

Material: Fiberglass FRP Plate  
Gage/weight: Included in system weight  
Shape: To tile dimensions  
Thickness: 1/8"  
Grade: Class A fire retardant  
Color: Gray

## Track Component:

Material: Aluminum (6560)  
Gage/weight: Included in system weight  
Size: 3m (13.3ft)  
Shape: Extruded Aluminum Profile  
Grade: 6560

## Fastening/Anchor Component:

Material: Stainless Steel  
Gage/weight: Included in system weight  
Size: 3"  
Shape: #10 x 3" Star Drive Flat Head 316 Stainless Screw 1.75M  
Grade: 316 Stainless

## Delivery Configuration:

### Tile:

Crated pallets: 47'x31"x31"  
Approx. Weight: 2,200# max.

### Aluminum materials:

Crated pallets: 168"x24"x24"  
Approx. weight: Material quantity dependent



# MBRICO

TECHNICAL DATA	STANDARD	INTERNATIONAL STANDARDS	*MIRAGE® AVERAGE VALUE
<b>SIZE CHARACTERISTICS</b>			<b>GO 2/e™</b>
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
SKID RESISTANCE	SURFACE	—	AD EP NE RR QR SO TB NA NN SI SD LB MP OF
	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 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 A+B
	ENV 12633	> CL1	- CL2 CL2 CL3 CL2 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.

- \* For raised surfaces utilizing substrate, increase breaking strength to 3226 lbf average.
- \* For raised surfaces utilizing substrate, increase point load [Modulus of Rupture (MOR)] to 24,612 psi average.
- \* For raised surfaces utilizing substrate according to ASTM C666 Procedure A, materials experienced 0.42% average change.



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

# MBRICO