



**Updated: 10/27/2025**

**Mbrico Decking System Specifications:**

Nominal Sizes for order: 24x24, 12x24, 24x48, 12x48

Nominal thickness with plate: 3/4" (2CM) + 1/8" plate = 7/8" thickness

Actual Thickness with plate: .92"

Gage/Weight: 10.6# PSF

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

Nominal sizes: Contact Mbrico for exact dimensions of your order based on color, lot, and caliber

Between Tile Gap/Joint spacing: 1/8"

Thickness of tile seated in aluminum track component: 1 5/8"

**Collections**

+One, Area 51, Bluestone Design, Concrete, Earth, Earthen, Element, Essence, Farmhouse, Imprint, Limestone, Lith, Marble, Montauk, Mood Wood, New York, Pennsylvania, Quartz, Quartzite, Salem, Shale Stone, Sierra, Slate, Soul, Stone, Summit, Terrazzo, Tibur, Tivoli Stone, Trail, Travertine, Untamed, Wood

**Tile Components**

Material: Porcelain w/ FRP (fiber reinforced polymer)

Gage/Weight: Included in system weight

Specific ratings: Can be found in reference table below



**Substrate Component:**

Material: FRP (fiber reinforced polymer) Plate, Polyester Resin, Non-porous  
Gage/weight: Included in system weight  
Shape: To tile dimensions  
Thickness: 1/8" nominal / 0.090" actual  
Grade: Class A fire retardant (Optional)  
Color: White

**Track Component:**

Material: Aluminum (6063) Temper T6 - Extruded Solid Shape  
Gage/weight: Included in system weight  
Size: 12' / 144"  
Shape: Extruded Aluminum Profile  
Grade: 6063  
Color: Black Anodized  
Lb: ASTM 8221 Rev

**Fastening/Anchor Component:**

Material: Stainless Steel  
Gage/weight: Included in system weight  
Size: 2.5" x #10  
Shape: Star Drive Flat Head 305 Stainless Screw 1.75M  
Grade: 305 Stainless Steel

**Delivery Configuration:**

Tile:  
Crated pallets: 48"x31"x31"  
Approx. Weight: 2,200# max.

**Aluminum materials:**

Crated pallets: 144"x21"x24"  
Approx. weight: Material quantity dependent



# MBRICO

## PORCELAIN PAVER PERFORMANCE DATA (20 mm)

PHYSICAL PROPERTIES	TEST ASTM	NORTH AMERICAN STANDARD A137.3*	RESULTS
Water absorption *	C373	≤ 0.5%	COMPLY WITH ANSI A137.3
DCOF Average dynamic coefficient of friction **	ANSI A.326.3	As reported	EW - Exterior, Wet
Skid Resistance	EN 16165 (EX DIN 51097)	-	A+B+C
	EN 16165 (EX DIN 51130)		R11
Resistance to freeze/thaw cycling *	C1026	As reported	RESISTANT
Resistance to thermal shock	C484	As reported	RESISTANT
Warpage (edge)	C485	Warpage ± 0.4% or ± 0.05 in	COMPLY WITH ANSI A137.3
Warpage (diagonal)	C485	Warpage ± 0.4% or ± 0.07 in	COMPLY WITH ANSI A137.3
Wedging	C502	± 0.25% or ± 0.03 in	COMPLY WITH ANSI A137.3
Chemical resistance	C650	As reported	UNAFFECTED
Resistance to stain	C1378	As reported	UNAFFECTED
Thickness	C499	Range: 0.04 in	COMPLY WITH ANSI A137.3
Breaking strength	C1050	2000 lbf	COMPLY WITH ANSI A137.3
Module of Rupture	C1050	5000 psi	COMPLY WITH ANSI A137.3

\* Average values referred to our production and related to the matt finish of the product.

\*\* As far as values relating to the matt finish of the product and to tests carried out by certified external laboratories whose results are available upon request at Headoffice, we are willing to check the lot you are interested in purchasing.

- Be sure to use pavers belonging to the same caliber.

- Test results are available on request.

- The information provided can be subject to change. Please refer to [mbricotiledecks.com](http://mbricotiledecks.com) for the latest, most accurate and up-to-date information.

### WARNINGS.

- Outdoor pavings installed unglued above the ground level are subject to the action of the wind, with the risk, in some cases, of becoming airborne. The manufacturer recommends to require the assistance of a qualified professional in order to check the suitability of the installation system above the ground adopted, in accordance with the local laws and regulations and the conditions of use. Failure to do so could result in serious injury or property damage.
- If the application of the 20 mm slabs requires the ceramic product used in structural installations, the project engineer and/or customer must carefully assess the project requirements with regard to the technical specifications of the slabs. To prevent the risk of damage or injury, the manufacturer recommends: with regard to a raised floor installation a ceramic slab may fracture on impact if a heavy object falls on it from any significant height; therefore the manufacturer recommends to check the specific intended use before starting the installation and to follow table for raised installation provided below. In certain conditions, reinforcing must be applied on the back of the slabs (double fiberglass mesh) supplied and applied by the manufacturer; with reference to any dry installation system of flooring above the ground level, the manufacturer recommends to comply with local regulations and conditions of use with regard to wind-load, loadbearing, seismic events, etc. Failure to comply with these recommendations may lead to improper use of the product and could cause serious damage or injury. Failure to adhere to the manufacturer's instructions for installation of slabs on raised pedestal systems may result in serious injury.
- For further information and recommendations concerning the installation systems please refer to [mbricotiledecks.com](http://mbricotiledecks.com).



\* 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.