

PRODUCT DATA SHEET



Rev: November, 2025

Fiberglass Backed Porcelain Tile Paver System Master Format: 07 76 00

Tile Description:

Mbrico's non-backed paver system consists an impervious, vitreous porcelain tile that is abrasion, freeze / thaw, chemical, and stain resistant. It requires no grout work, and it is intended for exterior use with or without a paver support system.

Features and Benefits:

Warranty – lifetime warranty on Mbrico tiles

Color Options – 100+ colors in stock, more available upon request ([Collections - Mbrico Tile Decking \(mbricotiledecks.com\)](https://www.mbricotiledecks.com))

Through Color – scratches and chipping are hidden as color runs through the tile rather than just the surface

Zero Maintenance – Tiles require no special or seasonal maintenance

Impervious Product – Tiles have a water absorption rate of .05%, far less than standard 5% requirements

Minimal Weight – Lightweight tiles for easier installation and future access below tiles. Approx. 10.6lb/sf per sq ft.

Skid Resistant – Tiles are ADA skid resistant approved

LEED Compliant – Up to 10 LEED credits are available using Mbrico system

Load Capacity – Up to 4,500lb breaking strength

Fire Rating - Class A Fire Rated Options

Wind Rating - Miami-Dade NOA - Florida Product Approval Options

Heat Absorption - 60-80% Solar Reflectance Index (SRI) options - Stays cooler to the touch

Warranty:

Mbrico porcelain tiles are warrantied for life against staining, fading, and discoloration. Mbrico will replace any damaged pavers that are delivered to the project site cracked or broken prior to unpackaging.

Sizing:

Tiles are available in the following sizes: 12x24, 12x48, 24x24, and 24x48.

Tile Technical Data:

DATA	STANDARD	INT STANDARDS	MBRICO VALUE
WATER ABSORPTION	ASTM C373	.5%	.05%
FLEX RESISTANT	ASTM C648	>250 lbf	>4,500 lbf
RESIST THERMAL FREEZE/THAW	ASTM C484	Pass	No Damage
FROST RESISTANCE	ASTM C1026	As Reported	No Damage
ABRASION RESISTANCE	EN ISO 10545-6	<175mm	<175mm
RESISTANCE TO CHEMICALS	ASTM C650	As Reported	Not Affected
RESISTANCE TO STAINS	ASTM C1378	As Reported	Not Affected
SKID RESISTANCE (DRY)	ASTM C1028	>.60	>.90
SKID RESISTANCE (WET)	ASTM C1028	>.60	>.70

Pedestal Description:

The adjustable pedestals are suitable for installing the Mbrico paver system in outdoor applications. The pedestals are resistant to UV rays, weathering, and chemicals, and are made from 100% recycled material. The top of the pedestal is self-leveling and utilizes a multitude of head adapters and extension rings. Accessories needed are dependent on the paver system being used. Wind Uplift requirements are subject to alternate types and styles.

Pedestal Technical Data:

DATA	ASSEMBLY HEIGHT	LOAD BEARING CAPACITY	SLOPE COMPENSATION
NM1-NM5	1"-40"	3,300 lbs.	0-1%

Mbrico Fiberglass Backed Porcelain Tile Paver System – Continued

Application Requirements:

Installation requirements vary for each individual project site. Refer to Mbrico supplied shop drawings for paver or tile used, size, pattern, grid layout, control point, and finished elevations. Complete installation guidelines can be found at mbricotiledecks.com.

Perimeter Containment:

Any area of the Mbrico deck system installed on pedestals must be secured by either the Mbrico track system, a parapet, curb, wall, or foundation. The pavers will move if not adequately boxed in or contained.

Quality Control:

Installation should be verified often to assure that grid spacer lines are being maintained in a straight and consistent pattern, that tiles are level and without movement. Particular attention should be made to assure that all pedestrian entry or access points to the deck are level and that surface tiles are not randomly raised or creating a trip hazard.

Maintenance:

When properly installed, Mbrico systems require zero routine maintenance. Tiles can be hosed down, or pressure washed if needed. Mbrico's spacing system is designed to not allow for unexpected shifting horizontally or vertically. The porosity of the Mbrico tiles do not allow for staining and does not require sealing of any sort.

Mbrico Delivery Configurations:

Tile: Crated Pallets - 48" x 31" x 31" approx. Weight of 2,400 pounds, max.

Aluminum or PVC Materials: Crated Pallets – 144" x 18" x 24". Weight dependent on materials.

System Specification Guidelines:

Architect usable section guidelines for 07 76 00 are available upon request