

MOSAICO Cement Tiles Technical Specifications

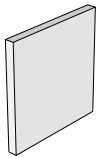
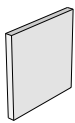

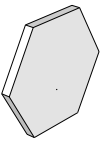
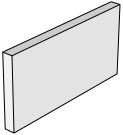
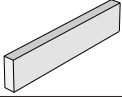
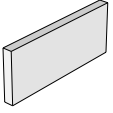

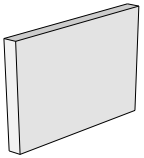
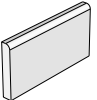
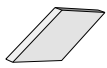
Product Raw Material Components

- Oxide Pigments (mineral based colorants)
- White/Grey Portland Cement
- Marble Powder
- Fine Sand
- Gravel
- Water

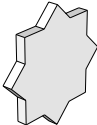
Method of Manufacturing

High Pressure Press Around 1,700 PSI, cured with water, ambient temperatures and time.

Product Shapes, Dimensions and Weight

Shape and dimensions (cm)		Total thickness (cm)	Total weight (kg)	No. tiles/sqm*	Packaging (box dimensions/n tiles per box/box weight)
Square 20x20		1.65	1.3	25	- brown box 21.5x21.5cm - 12 pieces/box - 15.6 Kg/box
Square 15x15		1.40	0.7	45	- brown box 21.5x21.5cm - 19 pieces/box - 14 Kg/box
Square 10x10		1.65	0.32	100	- brown box 21.5x21.5cm - 52 pieces/box - 16.9 Kg/box
Hexagonal 23x20		1.65	1.3	29	- white box 21.5x25cm - 12 pieces/box - 15.6 Kg/box
Rectangular 28x14		2	1.6	26	- box 31.5x31.5cm - 30 pieces/box - 48 Kg/box
Rectangular 28x7		2	0.8	52	- white box 21.5x25cm - 46 pieces/box - 27 Kg/box
Rectangular 25x10		1.8	0.95	40	- white box 21.5x25cm - 28 pieces/box - 19 Kg/box
Rectangular 20x5		1.65	0.32	100	- white box 21.5x25cm - 64 pieces/box - 21 Kg/box
Rectangular 30x20		2.0	2.5	17	- box 31.5x31.5cm - 20 pieces/box - 50 Kg/box
Skirting 20x10		1.7	0.6	05 per linear mt	- brown box 21.5x21.5cm - 24 pieces/box - 14.4 Kg/box
Lozenge 25x10		1.6	0.5	77	- white box 21.5x25cm - 24 pieces/box - 12 Kg/box

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Shape and dimensions (cm)		Total thickness (cm)	Total weight (kg)	No. tiles/sqm	Packaging (box dimensions/n tiles per box/box weight)
Star 25.5x18		1.9	1.5	18	<ul style="list-style-type: none"> - white box 21.5x25cm - 12 pieces/box - 18 Kg/box
Cross 18x18		1.9	1.1	18	<ul style="list-style-type: none"> - brown box 21.5x21.5cm - 12 pieces/box - 12.1 Kg/box

* considering horizontal/vertical stack, not special designs such as herringbone, diamond, stagger laying patterns, etc.

Product Physical Characteristics

Test Description	Method Applied	Dry Condition	Wet Condition
Static Coefficient of Friction	ASTM C 1028-07e1	0.91	0.85
Color Resistance	BS EN ISO 10545-13:2016	Class GLA – not visible effect	Not applicable
Compressive Strength	ASTM C 170/C 170M-15a	46.2 (MPa)	Not applicable
Determination of Water Absorption	BS EN ISO 10545-3:1995	13.33 (%)	Not applicable
Modulus of Rupture	BS EN ISO 10545-4:2012	7.56 (N/mm ²)	Not applicable
Resistance to Deep Abrasion	BS EN 1338:2003 Annex G	21 mm (length of grooves)	Not applicable
Resistance to High Concentrations Acids & Alkalis	BS EN ISO 10545-13:2016	Class GLA – not visible effect	Not applicable
Slip Resistance	BS 7976-2:2002 + A1:2013 (DIN 51130:2004)	R12	R11

Product Applications

Floors	Walls and Backsplash	Counters
Residential & Commercial, Indoors & Outdoors	Residential, Commercial & Industrial, Indoors & Outdoors	Residential & Commercial (not F&B), Indoors & Outdoors

Storage

The cement tiles should be stored in a dry and shaded area

Contact Us

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