

Metropolitan

COLOURED-BODY GLAZED STONEWARE

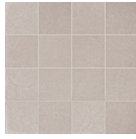
DECOS



MOSAIC 16 PCS FAIR
12"x12" - 30x30 cm
NATURAL
± 9 mm



MOSAIC 16 PCS STAINED
12"x12" - 30x30 cm
NATURAL
± 9 mm



MOSAIC 16 PCS SOLID
12"x12" - 30x30 cm
NATURAL
± 9 mm



MOSAIC 16 PCS INFUSED
12"x12" - 30x30 cm
NATURAL
± 9 mm

TRIM PIECES



BULLNOSE
3"x12" - 8x30 cm
NATURAL
± 9 mm
All colors available



COVE BASE
6"x12" - 15x30 cm
NATURAL
± 9 mm
Special order only

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COLOURED-BODY GLAZED STONEWARE

TECHNICAL FEATURES

COLOURED-BODY GLAZED STONEWARE according to ANSI A137.1 (Glazed Porcelain Tiles - P1 Class)

TECHNICAL FEATURES	TEST METHOD	REQUIRED VALUES - ANSI A137.1	METROPOLITAN AVERAGE VALUES
WATER ABSORPTION	ASTM C373	≤ 0.5%	CONFORMS
BREAKING STRENGTH	ASTM C648	≥ 250 lbf	350 lbf @ 9 mm
SURFACE ABRASION RESISTANCE	ASTM C1027	As indicated by manufacturer	PEI 5 FAIR - STAINED - SOLID PEI 4 INFUSED
LINEAR THERMAL EXPANSION	ASTM C372	No provision	$\alpha \leq 4.4 \times 10^{-6} \text{ } ^\circ\text{F}^{-1}$ $\alpha \leq 8 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$
STAIN RESISTANCE	ASTM C1378	As indicated by manufacturer	A RESISTANT
CHEMICAL RESISTANCE ^(*)	ASTM C650	As indicated by manufacturer	A RESISTANT
FROST RESISTANCE	ASTM C1026	As indicated by manufacturer	RESISTANT
BOND STRENGTH	ASTM C482	≥ 50 PSI	CONFORMS
SLIP RESISTANCE	DIN EN 16165 - Annex B DIN EN 16165 - Annex A ANSI A328.3	-	R11 Anti-Slip**** C (A+B+C) Anti-Slip**** ID - IDDPF ≥ 0.42 (dry) Natural IW - IDDPF ≥ 0.42 (wet) Natural IW - Natural**** Anti-Slip**** EW - Anti-Slip****
SHADE VARIATION	ANSI A137.1	As indicated by manufacturer	V2 Slight variation
FLAME SPREAD	ASTM E84	-	Class A
THERMAL CONDUCTIVITY	EN 12524	-	$\lambda = 1.3 \text{ W/m } ^\circ\text{K} / 0.7 \text{ BTU/in } ^\circ\text{F}$
RECOMMENDED MINIMUM JOINT ^(*)	RECT (INDOOR) NOT RECT (INDOOR) OUTDOOR	-	1/8" - 3.2 mm approx. 3/16" - 4.7 mm approx. 3/16" - 4.7 mm approx.
THICKNESS	24"x24" Rect - 60x60 cm 24"x24" - 60.4x60.4 cm 12"x24" - 30x60.4 cm	-	9 mm

(*) Excluding hydrofluoric acid and its derivatives.

(*) For use in areas with a slope, the minimum required joint width for ceramic tile and natural stone is 1/16". Sealing ceramic or stone without a joint width of at least 1/16" often referred to as a butt joint, does not provide sufficient accommodation for climatic building movement, differential thermal expansion, or allowable cracks in fabrication or manufacturing.

(**) With the exception of areas characterized by a higher risk of slipping (such as public showers, indoor swimming pools, locker rooms and steam rooms) for which an Anti-Slip surface is recommended.

(****) Anti-Slip surface special order only.

PACKINGS AND WEIGHTS

SIZES	SF / CTN	LINEAR FT / CTN	PIECES / CTN	CTN / PALLET	SF / PALLET	LBS / CTN	LBS / PALLET
24"x24" Rect Natural / Anti-Slip	15.61	-	4	36	501.96	64.49	2,321.04
24"x24" Natural / Anti-Slip	15.82	-	4	36	566.52	64.59	2,395.24
12"x24" Natural / Anti-Slip	15.82	-	8	32	506.24	66.578	2,130.496
LIGHT/DARK STRIPES 12"x24" Natural / Anti-Slip	15.82	-	8	32	506.24	66.578	2,130.496
MOSAIC 16 PCS 12"x12" Natural	3.68	-	4	61	313.88	16.53	1,338.60
COVE BASE 6"x12" Natural	3.67	-	8	108	417.96	16.53	1,785.24
BULLNOSE 3"x12" Natural	5.17	19.84	20	112	579.04	19.84	2,222.08