

# Flow

COLOURED-BODY GLAZED STONEWARE

**PROJECT**  
ANTIVIBRATIONAL SURFACE  
with Microam<sup>®</sup>

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## DECOS



**MOSAIC ICE**  
12" x 12" - 30x30 cm  
NATURAL  
➔ 9 mm



**MOSAIC IVORY**  
12" x 12" - 30x30 cm  
NATURAL  
➔ 9 mm



**MOSAIC GREY**  
12" x 12" - 30x30 cm  
NATURAL  
➔ 9 mm



**MOSAIC DESERT**  
12" x 12" - 30x30 cm  
NATURAL  
➔ 9 mm



**MOSAIC NATURAL**  
12" x 12" - 30x30 cm  
NATURAL  
➔ 9 mm

## TRIM PIECES



**BULLNOSE**  
4 1/2" x 24" - 9.5x60.4 cm  
NATURAL  
➔ 9 mm  
All colors available



**COVE BASE**  
6" x 12" - 15x30 cm  
NATURAL  
➔ 9 mm  
Special orders only

## 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	FLOW 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 4 IVORY - DESERT - GREY - NATURAL PEI 5 ICE
LINEAR THERMAL EXPANSION	ASTM C372	No provision	$\alpha \leq 4.4 \times 10^{-6} \text{ } ^\circ\text{F}^{-1}$ $\alpha \leq 8\text{K} \cdot 10^{-6} \text{ } ^\circ\text{C}^{-1}$
STAIN RESISTANCE	ASTM C1378	As indicated by manufacturer	A RESISTANT
CHEMICAL RESISTANCE <sup>(*)</sup>	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 13045 - Annex B DIN EN 13045 - Annex A ANSI A328.3	-	R11 Anti-Slip*** C (A48-49) Anti-Slip**** ID - DCOF ≥ 0.42 (dry) Natural IW - DCOF ≥ 0.42 (wet) Natural EW - Anti-Slip**** AV - Anti-Slip****
SHADE VARIATION	ANSI A137.1	As indicated by manufacturer	V2 Slight variation
FLAME SPREAD	ASTM E84	-	Class A
THERMAL CONDUCTIVITY	EN 12524	-	$\lambda = 1.3 \text{ W/m} \cdot \text{K} / 0.7 \text{ BTU/in} \cdot \text{h} \cdot \text{F}$
RECOMMENDED MINIMUM JOINT <sup>(†)</sup>	NOT RECT (INDOOR) OUTDOOR	-	3/16" - 4.7 mm approx 3/16" - 4.7 mm approx
THICKNESS	SIZES	-	9 mm 12" x 24" - 30x60.4 cm

(\*) Excluding hydrofluoric acid and its derivatives.

(†) Joint recommendations. Per TCMA Handbook, the minimum required joint width for ceramic tile and natural stone is 1/16". Setting ceramic or stone without a grout joint of at least 1/16", often referred to as a butt joint, does not provide sufficient accommodation for dynamic building movement, differential thermal expansion, or allowable variation 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
12" x 24" Natural / Anti-Slip	15.82	-	8	32	506.32	66.66	2,133.56
MOSAIC 26 PCS 12" x 12" Natural	3.87	-	4	81	313.87	16.53	1,338.60
MURETTO 12" x 24" Natural	7.75	-	4	30	232.5	31.97	959.1
COVE BASE 6" x 12" Natural	3.87	-	8	108	417.96	16.5	1,782
BULLNOSE 4" x 24" Natural	-	31.71	16	60	-	43.87	2,632.2