

TECHNICAL SHEET

PRODUCT	NAME: BREEZE COLLECTION SIZE: 11.7x39.2" BRANCH: 02/02/2019
TYPE OF PRODUCT	TYPE: Dry-pressed ceramic tiles, with water absorption E _p >10% TYPE WHITE BODY USE: For internal and external walls. GROUP: BIII
REFERENCED RULES	ISO-13006:2012 and UNE EN 14411:2013

Characteristics	Test Method	Requirements	Values Compliance
-----------------	-------------	--------------	-------------------

A) DIMENSIONS AND SURFACE QUALITY

Length and width			
The work size shall be chosen as follows for:			
a) modular tiles:	EN ISO 10545-2	In order to allow a nominal joint width of between 2 and 5 mm	PASS
b) non-modular tiles:	EN ISO 10545-2	So that the difference between the work size and the nominal size is not more than 2% (maximum 5 mm)	PASS
The permissible deviation of the average size for each tile (2 or 4 sides) from the work size (W)	EN ISO 10545-2	± 0,75 mm ± 2,0 mm ó ± 0,5%	PASS
Requirements for nominal size N 7cm ≤ N < 15cm N ≥ 15 cm			
Thickness			
a) The thickness shall be specified	EN ISO 10545-2	Declared thickness	SEE BOX
b) The permissible deviation, of the average thickness of each tile from the work size thickness		± 0,5 mm ± 0,5 mm ó ± 10%	PASS
Requirements for nominal size N 7cm≤N<15cm N≥ 15 cm			
Straightness of sides (facial sides)			
The maximum permissible deviation from straightness, related to the corresponding work sizes.	EN ISO 10545-2	± 0,5 mm ± 1,5 mm ó ± 0,3%	PASS
Requirements for nominal size N 7cm≤N<15cm N≥ 15 cm			
Rectangularity			
The maximum permissible deviation from rectangularity, related to the corresponding work sizes.	EN ISO 10545-2	± 0,75 mm ± 2,0 mm ó ± 0,5%	PASS
Requirements for nominal size N 7cm≤N<15cm N≥ 15 cm			
Surface flatness			
The maximum permissible deviation from flatness			
a) centre curvature, related to diagonal calculated from the work sizes.	EN ISO 10545-2	+ 0,75 / - 0,50 mm + 2,0 / - 1,5 mm ó + 0,5% / - 0,3%	PASS
Requirements for nominal size N 7cm≤N<15cm N≥ 15 cm			
b) edge curvature, related to the corresponding work sizes.	EN ISO 10545-2	+ 0,75 / - 0,50 mm + 2,0 / - 1,5 mm ó + 0,5% / - 0,3%	PASS
Requirements for nominal size N 7cm≤N<15cm N≥ 15 cm			
c) warpage, related to diagonal calculated from the work sizes.	EN ISO 10545-2	± 0,75 mm ± 2,0 mm ó ± 0,5%	PASS
Requirements for nominal size N 7cm≤N<15cm N≥ 15 cm			
Surface quality			
	EN ISO 10545-2	A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles.	PASS

B) PHYSICAL PROPERTIES

Water absorption (in % by mass)			
	EN ISO 10545-3	E _p > 10%. When the average exceeds 20%, this shall be indicated. Individual minimum value 9%)	PASS
Breaking strength, for:			
a) Thickness ≥ 7,5 mm	EN ISO 10545-4	Not less than 600 N	>600 N
b) Thickness < 7,5 mm	EN ISO 10545-4	Not less than 200 N	>200 N
Flexural tensile strength or modulus of rupture			
a) Thickness ≥ 7,5 mm	EN ISO 10545-4	Minimum 12 N/mm ²	PASS
b) Thickness < 7,5 mm	EN ISO 10545-4	Minimum 15 N/mm ²	PASS
Coefficient of linear thermal expansion from ambient temperature to 100° C			
	EN ISO 10545-8	DeclaredValue	5.5-5.3 10-6 /°C
Thermal shock resistance			
Internal uses	EN ISO 10545-9	Pass according to EN ISO 10545-9	PASS NOT PASS
External uses			
Crazing resistance			
Glazed tiles	EN ISO 10545-11	Pass according to EN ISO 10545-11	PASS
Frost resistance			
Internal uses	EN ISO 10545-12	Pass according to EN ISO 10545-12	PASS NOT PASS
External uses			
Bond strength/adhesion, for: cementitious adhesives			
	EN 12004:2007 +A1: 2012, 4.1	Declared Value	Type C1 >0.5 N/mm ²
Reaction to fire			
		Class A1	A1

C) CHEMICAL PROPERTIES

Resistencia a productos químicos			
Resistance to household chemicals and swimming pool slats	EN ISO 10545-13	Minimum GB	GA
Resistance to staining, for:			
Glazed tiles	EN ISO 10545-14	Minimum 3	5



Designs for your lifestyle

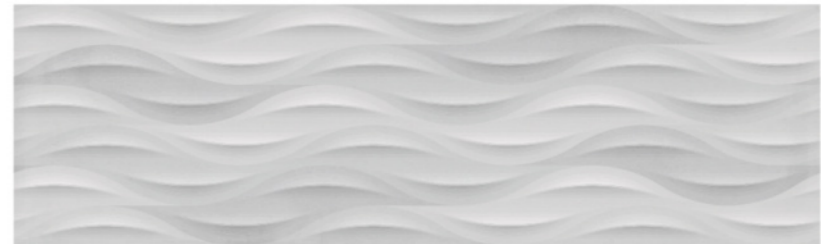


Exclusive Distributor:
MIR Group, Inc.
2200 B Zanker Rd, San Jose, CA 95131
Ph: +1 408 432-5400,
+1 408 432-1000
fax: +1 408 228-3924
e-mail: info@mir-mosaic.com
www.facebook.com/mir.mosaic
www.mir-mosaic.com

BREEZE



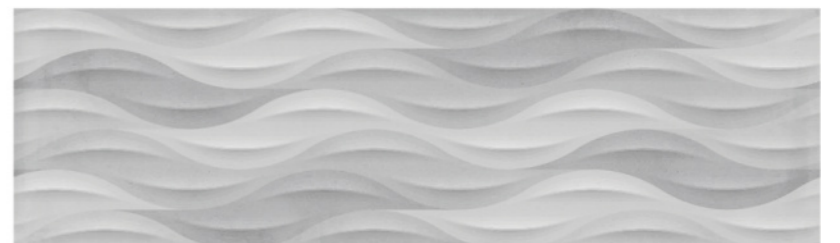
BREEZE IVORY
Code: BRZ-IVR-1240
Size: 11.7x39.2"



BREEZE IVORY DECO
Code: BRZ-IVR-DEC
Size: 11.7x39.2"



BREEZE GREY
Code: BRZ-GR-1240
Size: 11.7x39.2"



GREY DECO
Code: BRZ-GR-DEC
Size: 11.7x39.2"

