

PRODUCT	NAME:MOVEMENT IVORY/GREY & MOVEMENT IVORY/GREY DECO SIZE: 11.71x39.19" BRANCH: 18/04/2018		
TYPE OF PRODUCT	TYPE: Dry-pressed ceramic tiles, with water absorption Eb> 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
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**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
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b) non-modular tiles:	EN ISO 10545-2	So that the difference between the work size and the nominal size is note more than 2% (maximum 5 mm)	PASS
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The permissible deviation of the average size for each tile (2 or 4 sides) from the work size (W) Requirements for nominal size N 7cmsN<15cm N≥ 15 cm	EN ISO 10545-2	± 0,75 mm ± 2,0 mm ó ± 0,5%	PASS
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**Thickness**

a) The thickness shall be specified b) The permissible deviation, of the average thickness of each tile from the work size thickness Requirements for nominal size N 7cmsN<15cm N≥ 15 cm	EN ISO 10545-2	Declared thickness ± 0,5 mm ± 0,5 mm ó ± 10%	SEE BOX PASS
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**Straightness of sides (facial sides)**

The maximum permissible deviation from straightness, related to the corresponding work sizes. Requirements for nominal size N 7cmsN<15cm N≥ 15 cm	EN ISO 10545-2	± 0,5 mm ± 1,5 mm ó ± 0,3%	PASS
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**Rectangularity**

The maximum permissible deviation from rectangularity, related to the corresponding work sizes. Requirements for nominal size N 7cmsN<15cm N≥ 15 cm	EN ISO 10545-2	± 0,75 mm ± 2,0 mm ó ± 0,5%	PASS
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**Surface flatness**

The maximum permissible deviation from flatness

a) centre curvature, related to diagonal calculated from the work sizes. Requirements for nominal size N 7cmsN<15cm N≥ 15 cm	EN ISO 10545-2	+ 0,75 / - 0,50 mm + 2,0 / - 1,5 mm ó + 0,5% / - 0,3%	PASS
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b) edge curvature, related to the corresponding work sizes. Requirements for nominal size N 7cmsN<15cm N≥ 15 cm	EN ISO 10545-2	+ 0,75 / - 0,50 mm + 2,0 / - 1,5 mm ó + 0,5% / - 0,3%	PASS
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c) warpage, related to diagonal calculated from the work sizes. Requirements for nominal size N 7cmsN<15cm N≥ 15 cm	EN ISO 10545-2	± 0,75 mm ± 2,0 mm ó ± 0,5%	PASS
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**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
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**B) PHYSICAL PROPERTIES**

**Water absorption (in % by mass)**

	EN ISO 10545-3	Eb > 10%. When the average exceeds 20%, this shall be indicated. Individual minimum value 9%)	PASS
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**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/mm2	PASS
b) Thickness < 7,5 mm	EN ISO 10545-4	Minimum 15 N/mm2	PASS

**Coefficient of linear thermal expansion**

from ambient temperature to 100º C	EN ISO 10545-8	Declared Value	5.5-5.3 10-6 /ºC
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**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
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**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/mm2
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**Reaction to fire**

		Class A1	A1
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**C) CHEMICAL PROPERTIES**

**Resistencia a productos químicos**

Resistance to household chemicals and swimming pool slats	EN ISO 10545-13	Minimum GB	GA
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**Resistance to staining, for:**

Glazed tiles	EN ISO 10545-14	Minimum 3	5
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PRODUCT	NAME: MOVEMENT HEXAGON IVORY/GREY SIZE: 10" BATCH: 11/08/17		
TYPE OF PRODUCT	TYPE: Dry-pressed ceramic tiles, with water absorption E, ≤ 0,5% PORCELAIN TILE USE: For internal and external walls and floorings GROUP B1		
REFERENCED RULES	ISO-13006:2012 and UNE EN 14411:2013		

Characteristics	Test Method	Requirements	Values Compliance
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**A) DIMENSIONS AND SURFACE QUALITY**

**Thickness**

a) The thickness shall be specified b) The permissible deviation, of the average thickness of each tile from the work size thickness Requirements for nominal size N 7cmsN<15cm N≥ 15 cm	EN ISO 10545-2	Declared thickness ± 0,5 mm ± 0,5 mm ó ± 5%	SEE BOX PASS
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**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
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**B) PHYSICAL PROPERTIES**

**Water absorption (in % by mass)**

	EN ISO 10545-3	Eb ≤ 0,5% Individual maximum 0,6%	Eb ≤ 0,2%
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**Breaking strength, for:**

Thickness ≥ 7,5 mm	EN ISO 10545-4	Not less than 1.300 N	>1.300 N
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**Flexural tensile strength or modulus of rupture**

	EN ISO 10545-4	Minimum 35 N/mm2 Individual minimum 32 N/mm2	> 41 N/mm2
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**Abrasión resistance**

Resistance to surface abrasion of glazed tiles intended for use on floors (PEI)	EN ISO 10545-7	Abrasion class and cycles passed	CLASS 4
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**Coefficient of linear thermal expansion**

from ambient temperature to 100º C	EN ISO 10545-8	Declared Value	6.1- 6.9 x10 -6 (ºC-1 )
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**Thermal shock resistance**

	EN ISO 10545-9	Pass according to EN ISO 10545-9	PASS
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**Crazing resistance**

Glazed tiles	EN ISO 10545-11	Pass according to EN ISO 10545-11	PASS
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**Frost resistance**

Interior uses Exterior uses	EN ISO 10545-12	Pass according to EN ISO 10545-12	PASS PASS
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**Bond strength/adhesion, for:**

cementitious adhesives	EN 12004:2007 +A1: 2012, 4.1	Declared Value	Type C2 >1 N/mm2
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**Reaction to fire**

		Class A1 FL/A1	A1 FL/A1
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**C) CHEMICAL PROPERTIES**

**Resistance to chemicals**

Resistance to household chemicals and swimming pool slats	EN ISO 10545-13	Minimum GB	GA
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**Resistance to staining, for:**

Glazed tiles	EN ISO 10545-14	Minimum 3	5
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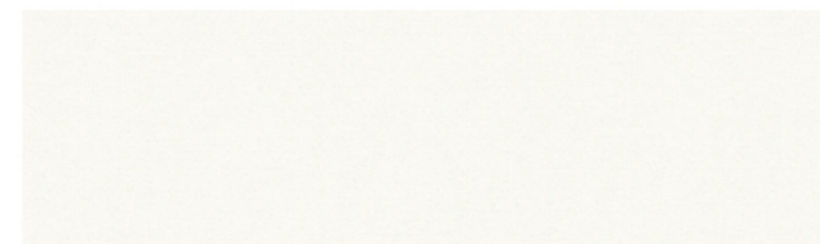


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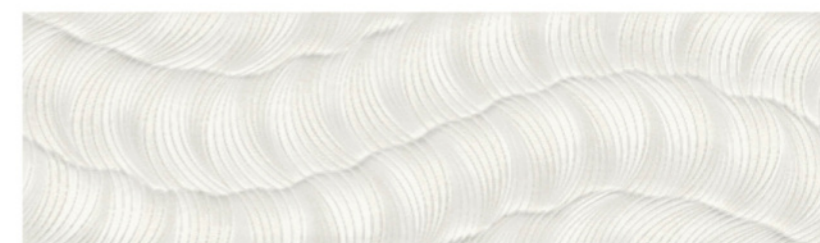


# MOVEMENT

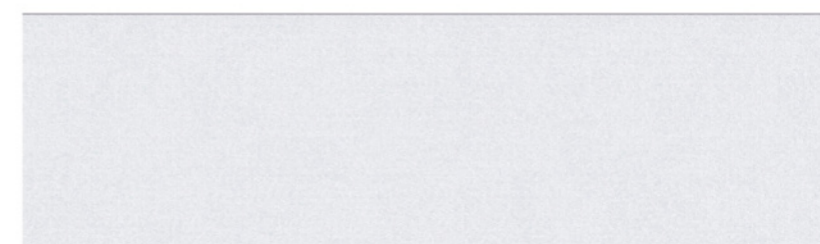
# MOVEMENT



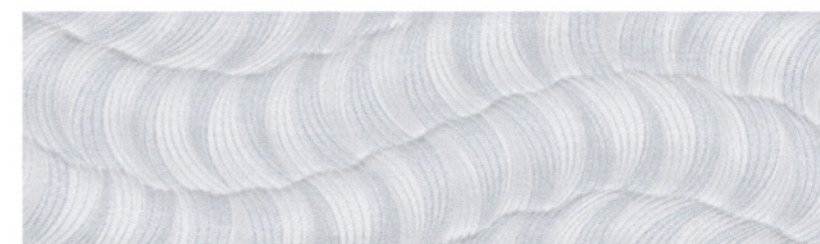
MOVEMENT IVORY  
Code: MOV-IVR-1240  
Size: 11.71x39.19"



MOVEMENT IVORY DECO  
Code: MOV-IVR-DEC  
Size: 11.71x39.19"



MOVEMENT GREY  
Code: MOV-GR-1240  
Size: 11.71x39.19"



MOVEMENT GREY DECO  
Code: MOV-GR-DEC  
Size: 11.71x39.19"

