

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
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 $\phi$ ± 0,5%	PASS

Requirements for nominal size N  
7cmsN<15cm  
N $\geq$  15 cm

##### Thickness

a) The thickness shall be specified	EN ISO 10545-2	Declared thickness ± 0,5 mm	SEE BOX
b) The permissible deviation, of the average thickness of each tile from the work size thickness		± 0,5 mm $\phi$ ± 10%	PASS

Requirements for nominal size N  
7cmsN<15cm  
N $\geq$  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 $\phi$ ± 0,3%	PASS
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Requirements for nominal size N  
7cmsN<15cm  
N $\geq$  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 $\phi$ ± 0,5%	PASS
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Requirements for nominal size N  
7cmsN<15cm  
N $\geq$  15 cm

The maximum permissible deviation from flatness	EN ISO 10545-2	± 0,75 mm ± 2,0 mm $\phi$ ± 0,5%	PASS
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Requirements for nominal size N  
7cmsN<15cm  
N $\geq$  15 cm

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 $\phi$ + 0,5% / - 0,3%	PASS
b) edge curvature, related to the corresponding work sizes.	EN ISO 10545-2	+ 0,75 / - 0,50 mm + 2,0 / - 1,5 mm $\phi$ + 0,5% / - 0,3%	PASS
c) warpage, related to diagonal calculated from the work sizes.	EN ISO 10545-2	± 0,75 mm ± 2,0 mm $\phi$ ± 0,5%	PASS

Requirements for nominal size N  
7cmsN<15cm  
N $\geq$  15 cm

a) centre curvature, related to diagonal calculated from the work sizes.	EN ISO 10545-2	± 0,75 mm ± 2,0 mm $\phi$ ± 0,5%	PASS
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Requirements for nominal size N  
7cmsN<15cm  
N $\geq$  15 cm

a) centre curvature, related to diagonal calculated from the work sizes.	EN ISO 10545-2	± 0,75 mm ± 2,0 mm $\phi$ ± 0,5%	PASS
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Requirements for nominal size N  
7cmsN<15cm  
N $\geq$  15 cm

a) centre curvature, related to diagonal calculated from the work sizes.	EN ISO 10545-2	± 0,75 mm ± 2,0 mm $\phi$ ± 0,5%	PASS
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Requirements for nominal size N  
7cmsN<15cm  
N $\geq$  15 cm

a) centre curvature, related to diagonal calculated from the work sizes.	EN ISO 10545-2	± 0,75 mm ± 2,0 mm $\phi$ ± 0,5%	PASS
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Requirements for nominal size N  
7cmsN<15cm  
N $\geq$  15 cm

a) centre curvature, related to diagonal calculated from the work sizes.	EN ISO 10545-2	± 0,75 mm ± 2,0 mm $\phi$ ± 0,5%	PASS
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Requirements for nominal size N  
7cmsN<15cm  
N $\geq$  15 cm

PRODUCT	NAME: MOVEMENT HEXAGON IVORY/GREY SIZE: 10" BATCH: 11/08/17
TYPE OF PRODUCT	TYPE: Dry-pressed ceramic tiles, with water absorption E <sub>w</sub> ≤ 0,5% PORCELAIN TILE USE: For internal and external walls and floorings GROUP B <sub>I</sub>
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	EN ISO 10545-2	Declared thickness ± 0,5 mm	SEE BOX
b) The permissible deviation, of the average thickness of each tile from the work size thickness		± 0,5 mm $\phi$ ± 5%	PASS

Requirements for nominal size N  
7cmsN<15cm  
N $\geq$  15 cm

a) The thickness shall be specified	EN ISO 10545-2	Declared thickness ± 0,5 mm	SEE BOX
b) The permissible deviation, of the average thickness of each tile from the work size thickness		± 0,5 mm $\phi$ ± 10%	PASS

Requirements for nominal size N  
7cmsN<15cm  
N $\geq$  15 cm

a) The thickness shall be specified	EN ISO 10545-2	Declared thickness ± 0,5 mm	SEE BOX
b) The permissible deviation, of the average thickness of each tile from the work size thickness		± 0,5 mm $\phi$ ± 10%	PASS

Requirements for nominal size N  
7cmsN<15cm  
N $\geq$  15 cm

a) The thickness shall be specified	EN ISO 10545-2	Declared thickness ± 0,5 mm	SEE BOX
b) The permissible deviation, of the average thickness of each tile from the work size thickness		± 0,5 mm $\phi$ ± 10%	PASS

Requirements for nominal size N  
7cmsN<15cm  
N $\geq$  15 cm

a) The thickness shall be specified	EN ISO 10545-2	Declared thickness ± 0,5 mm	SEE BOX
b) The permissible deviation, of the average thickness of each tile from the work size thickness		± 0,5 mm $\phi$ ± 10%	PASS

Requirements for nominal size N  
7cmsN<15cm  
N $\geq$  15 cm

a) The thickness shall be specified	EN ISO 10545-2	Declared thickness ± 0,5 mm	SEE BOX
b) The permissible deviation, of the average thickness of each tile from the work size thickness		± 0,5 mm $\phi$ ± 10%	PASS

Requirements for nominal size N  
7cmsN<15cm  
N $\geq$  15 cm

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7cmsN<15cm  
N $\geq$  15 cm

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b) The permissible deviation, of the average thickness of each tile from the work size thickness		± 0,5 mm $\phi$ ± 10%	PASS

Requirements for nominal size N  
7cmsN<15cm  
N $\geq$  15 cm

a) The thickness shall be specified	EN ISO 10545-2	Declared thickness ± 0,5 mm	SEE BOX
b) The permissible deviation, of the average thickness of each tile from the work size thickness		± 0,5 mm $\phi$ ± 10%	PASS

Requirements for nominal size N  
7cmsN<15cm  
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7cmsN<15cm  
N $\geq$  15 cm

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b) The permissible deviation, of the average thickness of each tile from the work size thickness		± 0,5 mm $\phi$ ± 10%	PASS

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7cmsN<15cm  
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b) The permissible deviation, of the average thickness of each tile from the work size thickness		± 0,5 mm $\phi$ ± 10%	PASS

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b) The permissible deviation, of the average thickness of each tile from the work size thickness		± 0,5 mm $\phi$ ± 10%	PASS

Requirements for nominal size N  
7cmsN<15cm  
N $\geq$  15 cm

a) The thickness shall be specified	EN ISO 10545-2	Declared thickness ± 0,5 mm	SEE BOX
b) The permissible deviation, of the average thickness of each tile from the work size thickness		± 0,5 mm $\phi$ ± 10%	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 $\geq$ 7,5 mm	EN ISO 10545-4	Not less than 1.300 N	>1.300 N

Flexural tensile strength or modulus of rupture	EN ISO 10545-4	Minimum 35 N/mm <sup>2</sup> Individual minimum 32 N/mm <sup>2</sup>	> 41 N/mm <sup>2</sup>
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Abrasion resistance	EN ISO 10545-7	Abrasion class and cycles passed	CLASS 4
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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	EN ISO 10545-8	Declared Value	6.1- 6.9 x10 <sup>-6</sup> (°C <sup>-1</sup> )
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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	EN ISO 10545-11	Pass according to EN ISO 10545-11	PASS
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Glazed tiles	EN ISO 10545-11	Pass according to EN ISO 10545-11	PASS
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Frost resistance	EN ISO 10545-12	Pass according to EN ISO 10545-12	PASS
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Interior uses	EN ISO 10545-12	Pass according to EN ISO 10545-12	PASS
Exterior uses	EN ISO 10545-12	Pass according to EN ISO 10545-12	PASS

Bond strength/adhesion, for:			
cementitious adhesives	EN 12004:2007 +A1: 2012, 4.1	Declared Value	Type C2 >1 N/mm <sup>2</sup>

Reaction to fire		Class A1 FL/A1	A1 FL/A1
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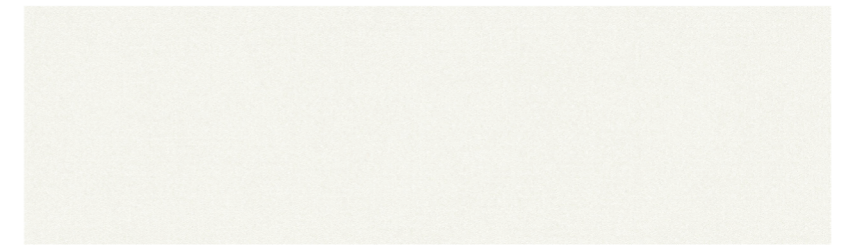
Reaction to fire		Class A1 FL/A1	A1 FL/A1
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# MOVEMENT

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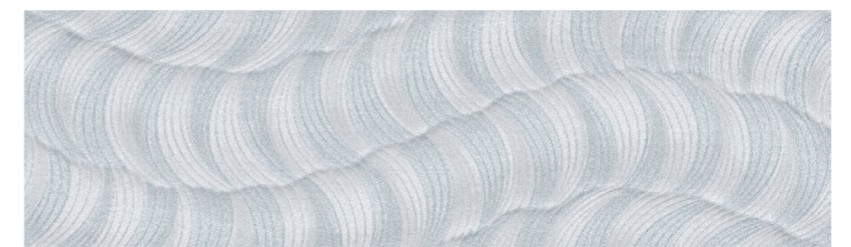
MOVEMENT IVORY  
Size: 11.71x39.19"



MOVEMENT IVORY DECO  
Size: 11.71x39.19"



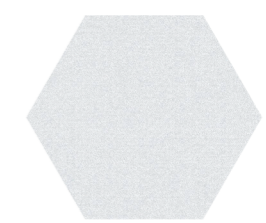
MOVEMENT GREY  
Size: 11.71x39.19"



MOVEMENT GREY DECO  
Size: 11.71x39.19"



MOVEMENT HEXAGON IVORY  
Size: 10"



MOVEMENT HEXAGON GREY  
Size: 10"

