



DECLARATION OF PERFORMANCE

IN REFERENCE TO C.C'S IMPLEMENTATION THE INTERNATIONAL STANDARD; CONTROL SYSTEM TO ASSURE THE QUALITY OF OUR PRODUCTS, THE TESTS AND INSPECTIONS PERFORMED ON THE CERAMIC (FLOOR TILES) IN ACCORDANCE TO PRACTICAL EXECUTION METHODS CONFORMS TO EUROPEAN STANDARDS; (EN14411 GROUP BIIa Annex J) COMPLIES WITH ISO STANDARD 13006 GROUP (BIIa)Annex J AND THE RESULTS ARE:

S. No.	Test item	Cleopatra central lab.	Required by standard EN 14411 BIIaAnnex I	Required by ISO standard 13006 BIIa Annex J	Test Standard
1	<u>Dimensions:</u>				
	1-1 Length and width	± 0.4 %	± 0.6 %	± 0.6 %	ISO 10545-2
	1-2 Thickness	± 4 %	± 5 %	± 5 %	ISO 10545-2
	1-3 Straightness of sides	± 0.2 %	± 0.5 %	± 0.5 %	ISO 10545-2
	1-4 Rectangularity	± 0.15 %	± 0.5 %	± 0.5 %	ISO 10545-2
	1-5 Surface flatness				
	a) Center curvature	± 0.2 %	± 0.5 %	± 0.5 %	ISO 10545-2
	b) Edge curvature	± 0.2 %	± 0.5 %	± 0.5 %	ISO 10545-2
	c) Warpage	± 0.15 %	± 0.5 %	± 0.5 %	ISO 10545-2
2	Water absorption %	Average 4 %	3 < E ≤ 6 %	3 < E ≤ 6 %	ISO 10545-3
3	Modulus of rupture N/mm ²	Min. 27 N/mm ²	Min. 22/ Individual 20	Min. 22/ Individual 18	
	Breaking strength in N Thickness ≥7.5	Min. 1300	1000	1000	ISO 10545-4
	Thickness <7.5		600	600	
4	Scratch hardness (MOH's scale)	Min. 5.5	5	5	EN 101
5	Impact resistance	Pass	Declared value	Available	ISO 10545-5
6	Surface abrasion	750 Revolution Class 3	As class	As class	ISO 10545-7
7	Thermal expansion coefficient	Pass	Declared value	Available	ISO 10545-8
8	Thermal shock resistance	Pass	Pass	Available	ISO 10545-9
9	Moisture Expansion	Pass	Declared value	Available	ISO 10545-10
10	Crazing resistance	Pass	Pass	Required	ISO 10545-11
11	Frost Resistance	Pass	Declared value	Required	ISO 10545-12
12	Resistance to chemicals	Class A	Available	Available	ISO 10545-13
13	Resistance to staining	Class 5	Min class 3	Min class 3	ISO 10545-14
14	Lead and cadmium Release	Pass	Declared value	Available	ISO 10545-15
15	Small colour differences	No change	ΔE < 0.75	ΔE < 0.75	ISO 10545-16
16	Coefficient of friction	Min. 0.4	Declared value	-	ISO 10545-17
17	Surface quality (Min tiles shall be free from visible defects)	97 %	Min 95 %	Min 95 %	ISO 10545-2

Definition : Floor Ceramic Tiles 60.5x121 Brazil 3

Thickness : (10.3) mm

We declare that these products are applied to European standards (EN 14411 – 2016 BIIa) matching to marking requirements so we have an authorization to label all of these products with mark.

Quality Control Manager
Signature:



Top Management
Signature: