

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 IN ACCORDANCE TO
PARTIAL EXECUTION METHODS CONFORMS TO EUROPEAN STANDARDS (EN
14411 GROUB BIII) COMPLIES WITH ISO STANDARD 13006 GROUP BIII ANNEX L
,AND RESULTS ARE ;

N	Test item	TEST STANDARD	Required by std. 13006 Bill 2018	Cleopatra lab.			
1	Dimensions & Surface Quality Characteristic:						
	1-1 length and width	ISO 10545-2	+0.6% -0.3%	601±1 mm			
	1-2 thickness	ISO 10545-2	±5 %	10 ± 0.4 mm			
	1-3 straightness of sides	ISO 10545-2	± 3.0 %	- 0.20 + 1 mm			
	1-4 rectangularity	ISO 10545-2	± 3.0%	- 0.20 + 1 mm			
	1-5Surface Flatness (Curvature)	ISO 10545-2	+ 0.8 % - 0.2 %	- 0.20 + 1 mm			
	1-6Surface Flatness (Warpage)	ISO 10545-2	0.75mm	- 0.20 + 1 mm			
	1-7 Surface quality	ISO 10545-2	Min 95 %	97 %			
2	Physical Property Characteristic:						
	2-1Water absorption %	ISO 10545-3	E ≥ 10	average 14.0%			
	2-2Modulus of rupture N/mm² Breaking strength in N	ISO 10545-4	MIN 12 N/mm²	21	21	23	20.8
				Average		21.45	
	2-5Linear thermal expansion	ISO 10545-8	Available	pass			
	2-6Resistance to thermal shock	ISO 10545-9	Available	pass			
	2-7Resistance to Crazing	ISO 10545-11	required	pass			
	2-8 Frost resistance	ISO 10545-12	required	pass			
	2-9 Moisture expansion	ISO 10545-10	Available	pass			
	2-11 Small Color Differences	ISO 10545-16	Available	pass			
2-12 Impact Resistance	-	-	-				
0	Chemical Property Characteristic:						
	3-1Resistance of staining	ISO 10545-14	Min class 3	Class 5			
	3-2 Resistance to Low Concentrations of Acids & Alkalis	ISO 10545-13	Min class B	Class A			
	3-3 Resistance to household Cleaners & Swimming Pool Salts	ISO 10545-13	Min GB	pass			
	3-5Lead and cadmium release Glazed Tiles	ISO 10545-15	Available	pass			


