



# R.A.K. CERAMICS P.S.C.



Date: 16/04/2013

## TECHNICAL SPECIFICATION

**MODEL** : 6GPJ CEMENTINA SERIES  
**NOMINAL SIZE** : 60 X 60 CM. (RECTIFIED)  
**THICKNESS** : 10.0 MM.  
**TYPE OF PRODUCT** : GRES PORCELLANATO TILE  
**NATURE OF SURFACE** : GLAZED & RUSTIC  
**GROUP** : Bla  
**REF. STANDARD** : ISO 13006 / EN 14411

TEST DESCRIPTION	STANDARD TEST METHOD	STANDARD REQUIREMENTS ISO 13006 / EN 14411	R.A.K. CERAMICS SPECIFICATION
Length & Width	BS EN ISO 10545 - 2	± 0.6 %	± 0.1 %
Thickness	BS EN ISO 10545 - 2	± 5 %	± 5 %
Straightness of Sides	BS EN ISO 10545 - 2	± 0.5 %	± 0.2 %
Rectangularity	BS EN ISO 10545 - 2	± 0.6 %	± 0.2 %
Surface Flatness	BS EN ISO 10545 - 2	± 0.5 %	± 0.2 %
Water Absorption	BS EN ISO 10545 - 3	≤ 0.5 %	≤ 0.4 %
Breaking Strength	BS EN ISO 10545 - 4	≥ 1300 N	≥ 2200 N
Modulus of Rupture	BS EN ISO 10545 - 4	≥ 35 N/mm <sup>2</sup>	≥ 40 N/mm <sup>2</sup>
Resistance to Surface Abrasion	BS EN ISO 10545 - 6	Manufacturer to state abrasion class	PEI Class 2 - 4
Coefficient of Linear Thermal Expansion	BS EN ISO 10545 - 8	Test method available	≤ 7 X 10 <sup>-6</sup> /°C
Resistance to Thermal Shock	BS EN ISO 10545 - 9	Test method available	No visible defect
Crazing Resistance	BS EN ISO 10545 - 11	Required	No crazing
Frost Resistance	BS EN ISO 10545 - 12	Required	No visible damage
Resistance to Household Chemicals & swimming Pool Salts	BS EN ISO 10545 - 13	Minimum GB	Class GA No visible effect
Resistance to Low Concentrations Acids & Alkalis	BS EN ISO 10545 - 13	Manufacturer to state classification	Class GLA No visible effect
Resistance to Staining	BS EN ISO 10545 - 14	Min. Class 3	Class 5 Stains removed
Slip Resistance (Ramp Test)	DIN 51130	-	R9

NOTE: This Technical Specification is applicable only to tiles in Choice "A".

Signed:  
For R.A.K. Ceramics

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