



# R.A.K. CERAMICS



Date: 23/12/2006

## TECHNICAL SPECIFICATION

**MODEL:** 6GPD-53  
**NOMINAL SIZE:** 60 X 60 CM.  
**THICKNESS:** 9.5 MM.  
**TYPE OF PRODUCT:** GRES PORCELLANATO TILES  
**NATURE OF SURFACE:** UNGLAZED & POLISHED  
**GROUP:** BIa

TEST DESCRIPTION	STANDARD TEST METHOD	INTERNATIONAL STANDARD ISO 13006:1998	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 %	≤ 0.05 %
Breaking Strength	BS EN ISO 10545 - 4	≥ 1300 N	≥ 2000 N
Modulus of Rupture	BS EN ISO 10545 - 4	≥ 35 N/mm <sup>2</sup>	≥ 45 N/mm <sup>2</sup>
Resistance to Deep Abrasion	BS EN ISO 10545 - 6	≤ 175 mm <sup>3</sup>	≤ 150 mm <sup>3</sup>
Coefficient of Linear Thermal Expansion	BS EN ISO 10545 - 8	Manufacturer to state value	≤ 7 X 10 <sup>-6</sup> °K <sup>-1</sup>
Resistance to Thermal Shock	BS EN ISO 10545 - 9	No visible defect	No visible defect
Frost Resistance	BS EN ISO 10545 - 12	No visible damage	No visible damage
Resistance to Chemicals	BS EN ISO 10545 - 13	Manufacturer to state classification	Class UA / ULA / UHA No visible effect
Resistance to Stains	BS EN ISO 10545 - 14	Manufacturer to state class	Stains removed Min. Class 2

For R.A.K. Ceramics:



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