

TECHNICAL DATA SHEET

ALFRESCO
F L O O R S

PRODUCT GROUP: GEO RANGE

PRODUCT TYPE: FULLY VITRIFIED PORCELAIN STONEWARE (EN 14411 – G)

ALFRESCO RANGE: FRESNO

SIZES: 598 x 598 / 598 x 1198mm

THICKNESS: 20mm

FINISHES: NATURAL ANTI-SLIP

USE: EXTERNAL RAISED FLOORS

TECHNICAL CHARACTERISTICS	INDUSTRY STANDARD	REQUIREMENT	ACTUAL VALUE
DIMENSION AND SURFACE QUALITY:			
Length and width	UNI EN ISO 10545-2	± 0.60%	± 0.5mm
Thickness	UNI EN ISO 10545-2	± 5%	Conforms
Edge straightness	UNI EN ISO 10545-2	± 0.50%	± 0.1%
Orthogonality (squareness)	UNI EN ISO 10545-2	± 0.50%	± 0.2%
Appearance	UNI EN ISO 10545-2	± 95%	Conforms
PRODUCT QUALITY AND DURABILITY:			
Water absorption	UNI EN ISO 10545-3	≤ 0.5%	0.05%
Modulus of rupture (bending strength)	UNI EN ISO 10545-4	≥ 35N/mm ²	>51.7N/mm ²
Breaking strength	UNI EN ISO 10545-4	≥ 1300N	≥ 13671N
Resistance to deep abrasion (unglazed tiles)	UNI EN ISO 10545-6	≤ 175mm ³	< 150mm ³
Thermal expansion coefficient of linear	UNI EN ISO 10545-8	-	6.3 x 10 ⁻⁶ C-1
Thermal shock resistance	UNI EN ISO 10545-9	No visible defects	Conforms
Frost resistance	UNI EN ISO 10545-12	No alteration to surface	Conforms
Chemical resistance	UNI EN ISO 10545-13	UB Min	UA/ULA/UHA
Stain Resistance	UNI EN ISO 10545-14	MIN 3	5
SLIP RESISTANCE:			
Areas with footwear	UNI EN ISO 10545-17 (DIN 51130)	R9 from 3° to 10° R10 over 10° to 19° R11 over 19° to 27° R12 over 27° to 35° R13 over 35°	N/A N/A Natural Anti-slip N/A N/A
Areas with Barefeet	DIN 51097	A over 12° to 18° B over 18° to 24° C over 24°	N/A N/A Natural Anti-slip
Slip resistance co-efficient of friction	B.S. 7976-2000		Test results upon request

Important Note:

For installations using Pedestals that incorporate a void of 75mm or greater, please contact us for advice regarding the recommended provision of reinforcing mesh for safety.

All test results are based upon current test data provided by the manufacturer and are provided in good faith. Alfresco Floors cannot be held responsible for any variation in the test data due to changes in manufacture or material characteristics. Errors & omissions excepted. Please refer to Alfresco Floors Terms and Conditions of Sale.