

CHAPTER 4 - VIA

TECHNICAL DATA

S P E C S

SERIES: Chapter 4 - VIA

COLOR: White, Beige, Grey, Taupe, Cotto

ITEM: 2" x 18" Porto Porcelain Field Tile

FINISH: Matte

TECHNICAL RULES: ISO-13006 - EN 14411 - ISO 10545 STANDARDS

TECHNICAL CHARACTERISTICS	TEST METHOD	EN 14411 AND ISO 13006 REQUIREMENTS	ITALCER AVERAGE VALUES
Length and width	ISO 10545-2	±0.6% and ±2.00mm	Compliant
Straightness of sides	ISO 10545-2	±0.5% and ±1.5mm	Compliant
Rectangularity	ISO 10545-2	±0.5% and ±2.00mm	Compliant
Flatness	ISO 10545-2	±0.5% and ±2.00mm	Compliant
Thickness	ISO 10545-2	±5% and ±0.5mm	Compliant
Water absorption	ISO 10545-3	≤0.5%	< 0.1%
Modulus of rupture	ISO 10545-4	≤35 N/mm ²	>45 N/mm ²
Breaking of strength (S)	ISO 10545-4	≥1300 N	Compliant
Abrasion resistance	ISO 10545-7	Declared class	PEI 5 (L.Grey, Beige, Ivory, Total White) PEI 4
Linear thermal expansion	ISO 10545-8	Declared value	$\alpha \leq 7.1 \times 10^{-6} \text{ }^{\circ}\text{C}^{-1}$
Thermal shock resistance	ISO 10545-9	No alterations	Resistant
Frost resistance	ISO 10545-12	No alterations	Resistant
Chemical resistance	ISO 10545-13	Declared value	LA - HA
Household chemicals resistance	ISO 10545-13	β min.	A
Stain resistance	ISO 10545-14	Class 3 min.	5
Mohs hardness	UNI EN 101	5 min.	6
Slip resistance	DIN 51130	Declared value	R10
	DIN 51097	Declared value	B

TECHNICAL RULES: ISO-13006 - EN 14411 - ISO 10545 STANDARDS

TECHNICAL CHARACTERISTICS	TEST METHOD	EN 14411 AND ISO 13006 REQUIREMENTS	ITALCER AVERAGE VALUES
Slip resistance	ANSI A137.1	±0.6% and ±2.00mm	Compliant
	B.C.R.A. Rep. CEC/81	Declared value	/
	BS 7976	Declared value	Wet >36
Shade variation	ANSI A 137.1	Not required	V2
Fire reaction	UNI EN 13501-1	-	A1 _{FL} class
Thermal conductivity	EN 12524	Not required	$\lambda = 1.3 \text{ W/m } ^\circ\text{K}$
Light and colour fastness	DIN 51094	Not required	No variations

Jeffrey Court does not warrant that any of its products will meet any testing parameter other than that measured at time of testing. Testing was completed by a certified lab and is representative only of product available for testing at the time. Jeffery Court recommends that customers have tile independently tested to determine if the product meets or exceeds the requirements of the specifier or customer.

For additoinal details or questions please contact us at info@jeffreycourt.com.