

FORGE

TECHNICAL DATA

Format: 6"X6"		Type: Quarry Tile	
Color: All colors available		Thickness: 10.5 mm	
Graphic: 1			
TEST		SPECIFICATION	DECLARED
LENGHT AND WIDTH		NTC 4321 - 2 ISO 10545 - 2	± 2,0 % to a maximum of ± 4 mm or 0.16 (in) < 1%
THICKNESS		NTC 4321 - 2 ISO 10545 - 2	± 10 % <10%
STRAIGHTNESS OF SIDES		NTC 4321 - 2 ISO 10545 - 2	± 0,6% <0.6%
RECTANGULARITY		NTC 4321 - 2 ISO 10545 - 2	± 1% <1%
SURFACE FLATNESS	CENTRE CURVATURE	NTC 4321 - 2 ISO 10545 - 2	±1,5% <1%
	EDGE CURVATURE	NTC 4321 - 2 ISO 10545 - 2	±1,5% <1%
	WARPAGE	NTC 4321 - 2 ISO 10545 - 2	±1,5% <1%
SURFACE DEFECTS		NTC 4321 - 2 ISO 10545 - 2	Minimum 95% without deffects Minimum 95% without deffects
WATER ABSORPTION		NTC 4321 - 3 ISO 10545 - 3	3,0 % < Eb ≤ 6,0 % Individual maximum 6,5 % > 1500 N or > 337,21 (lbf)
BREAKING STRENGHT		NTC 4321 - 4 ISO 10545 - 4	Thickness≥ 7,5 mm, Not less than 950 or 213,56 (lbf) > 20 N/mm2 or >2900,75 (lbf)
MODULUS OF RUPTURE		NTC 4321 - 4 ISO 10545 - 4	Minimum 20 N/mm2 or 2900,75 (lbf), Individual minimum 18 N/mm2 or 2610,67 (lbf) > 20 N/mm2 or >2900,75 (lbf)
RESISTANCE TO DEEP ABRASION OF UNGLAZED TILE		NTC 4321 - 6 ISO 10545 - 6	Maximum 393 mm 3 < 275 mm3
CRAZING RESISTANCE		NTC 4321 - 11 ISO 10545 - 11	Test method available N/A
FROST RESISTANCE		NTC 4321 - 12 ISO 10545 - 12	Test method available Resistance
RESISTANCE TO STAINING		NTC 4321 - 14 ISO 10545 - 14	N/A Test method available
RESISTANCE TO CHEMICALS		Resistance to household chemicals and swimming pool salts Minimum B	Class A (there is no visible effects)
		Resistance to low concentrations of acids and alkali. Manufacturer is to state classification	Class BA (There is no visible effect)

Signature:
Marketing and Product Department

Release Date
10/16/2024