

TECHNICAL SHEET



REFERENCED RULES:	ISO-13006:2012 and UNE EN 14411:2013
TYPE OF PRODUCT:	DRY-PRESSED CERAMIC TILES, WITH WATER ABSORPTION $E_b \leq 0,5\%$ TYPE POCELAIN
NAME:	INSTINTO TAUPE NATURAL
SIZE (cm):	119,3X119,3
THICKNESS: (mm)	6,5
GROUP:	B1a – UGL
USE:	FOR WALLS AND FLOORING, INTERNAL AND EXTERNAL



PRODUCTION BATCH: 23/01/2019

	Characteristics	Test Method	Requirements	Values Compliance By APAVISA
DIMENSIONAL AND SURFACE QUALITY				
	LENGTH AND WHIDTH	EN ISO 10545-2	$\pm 0,3\% \delta \pm 1,0 \text{ mm}$	COMPLIANT
	STRAIGHTNESS OF SIDES	EN ISO 10545-2	$\pm 0,3\% \delta \pm 0,8 \text{ mm}$	COMPLIANT
	RECTANGULARITY	EN ISO 10545-2	$\pm 0,3\% \delta \pm 1,5 \text{ mm}$	COMPLIANT
	SURFACE FLATNESS	EN ISO 10545-2	$\pm 0,4\% \delta \pm 1,8\text{mm}$	COMPLIANT
	THICKNESS	EN ISO 10545-2	$\pm 5,0\% \delta \pm 0,5 \text{ mm}$	COMPLIANT
PHYSICAL PROPERTIES				
	WATER ABSORPTION	EN ISO 10545-3	$E_b \leq 0,5\%$	0,1%(*)
	BREAKING STRENGTH	EN ISO 10545-4	Mínimum 700 N	COMPLIANT
	FLESURAL TENSILE STRENGTH	EN ISO 10545-4	Mínimum 35 N/mm ²	50 N/mm²
	DEEP ABRASION RESISTANCE	EN ISO 10545-6	$\leq 175 \text{ mm}^3$	COMPLIANT
	LINEAR THERMAL EXPANSION	EN ISO 10545-8	Not required	$\alpha \leq 7,10^{-6} \text{ (}^\circ\text{C}^{-1}\text{)}$
	THERMAL SHOCK RESISTANCE	EN ISO 10545-9	No alterations	RESISTANT
	FROST RESISTANCE (Internal and external use)	EN ISO 10545-12	No alterations	RESISTANT
	SLIP RESISTANCE	DIN 51130	Not required	R10
	REACTION TO FIRE – Wall installation	EN 13823	CPR /UE) 305/2011, 2000/147/CE, UNI EN 13501-1	A1 CLASS (Fire resistant)
	REACTION TO FIRE – Floor installation	EN 9239-1	CPR (UE 305/2011, 2000/147/CE, UNI EN 13501-1	A1FL CLASS (Fire resistant)
	THERMAL CONDUCTIVITY	EN 12524	Not required	$\lambda = 1,3 \text{ W/m. }^\circ\text{K}$
CHEMICAL PROPERTIES				
	CHEMICAL RESISTANCE household chemicals and swimming pool slats	EN ISO 10545-13	Min B	A (Resistant)
	CHEMICAL RESISTANCE (**)	EN ISO 10545-13	As indicated by manufacturer	LA, HA
	RESISTANCE TO STAINING - Unglazed tiles	EN ISO 10545-14	3 min	5 (Resistant)

(*)Value referred to ceramic material only
(**)Excluding hydrofluoric acid and its derivatives

It is advisable to follow the instructions for fixing and cleaning maintenance published by APAVISA PORCELANICO, S.L. fulfilling the legal or regulatory requirements that may exist for each area of use in any case. Tests values on the indicated production batch.