


















TECHNICAL SHEET



REFERENCED RULES:	ISO-13006:2012 and UNE EN 1441:2013
TYPE OF PRODUCT:	DRY-PRESSED CERAMIC TILES, WITH WATER ABSORPTION Eb ≤ 0,5% TYPE POCELAIN
NAME:	NANOCONCEPT 7.0 ANTHRACITE NATURAL
SIZE (cm):	29,75 x 59,55
THICKNESS: (mm)	7,4
GROUP:	B1a – UGL
USE:	FOR WALLS AND FLOORING, INTERNAL AND EXTERNAL



	Characteristics	Test Method	Requirements	Values Compliance By APAVISA
DIMENSIONAL AND SURFACE QUALITY				
	LENGTH AND WHIDTH	EN ISO 10545-2	± 0,6% ó ± 2,0 mm	± 0,2 %
	STRAIGHTNESS OF SIDES	EN ISO 10545-2	± 0,5% ó ± 1,5 mm	± 0,2 %
	RECTANGULARITY	EN ISO 10545-2	± 0,5% ó ± 2,0 mm	± 0,2 %
	SURFACE FLATNESS	EN ISO 10545-2	± 0,5% ó ± 2,0 mm	± 0,2 %
	THICKNESS	EN ISO 10545-2	± 5,0% ó ± 0,5 mm	± 5,0 %
PHYSICAL PROPERTIES				
	WATER ABSORPTION	EN ISO 10545-3	E _b ≤ 0,5%	E_b ≤ 0,1%
	BREAKING STRENGTH	EN ISO 10545-4	Mínimum 700 N	≥ 1200 N
	FLESURAL TENSILE STRENGTH	EN ISO 10545-4	Mínimum 35 N/mm ²	≥ 40 N/mm²
	DEEP ABRASION RESISTANCE	EN ISO 10545-6	Máximum 175 mm ³	< 131 mm³
	LINEAR THERMAL EXPANSION	EN ISO 10545-8	Declared Value	6.1-6.9x10⁻⁶ (°C⁻¹)
	THERMAL SHOCK RESISTANCE	EN ISO 10545-9	Required	PASS
	FROST RESISTANCE (Internal and external use)	EN ISO 10545-12	Required	PASS
	SLIP RESISTANCE	UNE EN 16165 Annex B (DIN 51130)	-	R10
	BOND STRENGTH / ADHESION (Cementitious adhesives)	EN 12004:2007 + A1:2012, 4.1	Declared Value	Type C2 >1 N/mm²
	REACTION TO FIRE		Class A1 FL/A1	A1FL/A1
CHEMICAL PROPERTIES				
	CHEMICAL RESISTANCE - household chemicals and swimming pool slats	EN ISO 10545-13	Mínimum UB	UA
	RESISTANCE TO STAINING - Unglazed tiles	EN ISO 10545-14	Declared Value	5