















TECHNICAL SHEET



REFERENCED RULES:	ISO-13006:2012 and UNE EN 14411:2013
TYPE OF PRODUCT:	DRY-PRESSED CERAMIC TILES, WITH WATER ABSORPTION Eb ≤ 0,5% TYPE POCELAIN
NAME:	STARLINE BLACK HEXAGON
SIZE (cm):	25X29
THICKNESS: (mm)	10
GROUP:	Bla – GL
USE:	FOR WALLS AND FLOORING, INTERNAL AND EXTERNAL



	Characteristics	Test Method	Requirements	Values Compliance By APAVISA
DIMENSIONAL AND SURFACE QUALITY				
	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 ≤ 0,2%
	BREAKING STRENGTH	EN ISO 10545-4	Mínimum 1.300 N	≥ 1300 N
	FLESURAL TENSILE STRENGTH	EN ISO 10545-4	Mínimum 35 N/mm ²	≥ 40 N/mm ²
	SURFACE ABRASION RESISTANCE	EN ISO 10545-7	Declared Value	CLASS 2
	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
	CRAZING RESISTANCE	EN ISO 10545-11	Required	PASS
	FROST RESISTANCE (Internal and external use)	EN ISO 10545-12	Required	PASS
	SLIP RESISTANCE (Ramp test)	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		Clase A1 FL/A1	A1 FL/A1
CHEMICAL PROPERTIES				
	CHEMICAL RESISTANCE - household chemicals and swimming pool slats	EN ISO 10545-13	Mínimum UB	GA
	RESISTANCE TO STAINING - Glazed tiles	EN ISO 10545-14	Min. 3	5

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. For any official certification or verification of the values listed, contact the Technical Department through dpto.tecnico@apavisa.com.(09/02/21).