geotiles
SMART DESIGN

TECHNICAL CHARACTERISTICS SHEET

MODEL	**MUGAT**	DATE: 20/12/2018
SIZE	**22,3X22,3**	
PRODUCT TYPE	**GLAZED PORCELAIN**	
GROUP	**BIa**	
COLOUR	BLANCO	

TESTS CARRIED OUT	RESULTS	
UNE-EN ISO 10545-2 DIMENSIONS AND SURFACE QUALITY		CONFORMS TO STANDARD
UNE-EN ISO 10545-3 WATER ABSORPTION	AVERAGE VALUE(%)	0,1
UNE-EN ISO 10545-4 MODULUS OF RUPTURE	BREAKING STRENGHT (N) MODULUS OF RUPTURE (N/mm2)	1800 - 2400 45 - 55
UNE-EN ISO 10546-7 RESISTANCE TO SURFACE ABRASION	CYCLES PASSED (REV) CLASS ABRASION (PEI)	2.100 PEI4
UNE-EN ISO 10545-8 LINEAR THERMAL EXPANSION	COEFFICIENT (10 -6 / Cº)	< 7 X 10-6ºC
UNE-EN ISO 10545-9 RESISTANCE TO THERMAL SHOCK	THERMAL SHOCK	RESIST
UNE-EN ISO 10545-10 MOISTURE EXPANSION	AVERAGE VALUE (mm/m)	< 0,1
UNE-EN ISO 10545-12 FROST RESISTANCE	RESULT:	RESISTS
UNE-EN ISO 10545-13 CHEMICAL RESISTANCE	AMMONIUM CHLORIDE (100 gr/l) SODIUM HYPOCHLORITE (200 mg/l) HYDROCHLORIC ACID (3 %) POTASSIUM HYDROXIDE (30 g/l) CITRIC ACID (100 gr/l)	GA GA CONFORMS TO STANDARD
UNE-EN ISO 10545-14 STAIN RESISTANCE	IODINE SOLUTION IN ALCOHOL OLIVE OIL GREEN AGENT IN LIGHT OIL	5 5 5
DIN 51130	R RATING	

OBSERVACIONES

VºBº LABORATORIO