NEMO
TILE + STONE

Quality Department certifies that Series **LEON ANTIQUE 3D RETT. _ 8,5 mm**, dry-pressed ceramic tiles, full body colored porcelain, has the following technical characteristics:

TECNICAL CHARACTERISTICS		TEST STANDARD UNI EN ISO	PRODUCT STANDARD ISO 13006 EN 14411	Ariana AVERAGE VALUES
DIMENSIONAL CHARACTERISTICS				
Length and width		**10545 - 2**	+/- 0,6 % (+/- 2 mm)	+/- 0,6 % (+/- 2 mm)
Thickness			+/- 5 % (+/- 0,5 mm)	+/- 5 % (+/- 0,5 mm)
Straightness of sides			+/- 0,5 % (+/- 1,5 mm)	+/- 0,5 % (+/- 1,5 mm)
Rectangularity			+/- 0,5 % (+/- 2 mm)	+/- 0,5 % (+/- 2 mm)
Surface flatness			+/- 0,5 % (+/- 2 mm)	+/- 0,5 % (+/- 2 mm)
PHYSICAL PROPERTIES				
Water absorption		**10545 - 3**	≤ 0,5 %	≤ 0,3 %
Breaking strength (N)		**10545 - 4**	min 1300	≥ 1500
Modulus of rupture (N/mm^2)			min 35	≥ 45
Resistance to surface abrasion		**10545 - 7**	Indicated by the manufacturer	
Coefficient of linear thermal expansion (K^{-1})		**10545 - 8**	Test method available	6×10^{-6}
Thermal shock resistance		**10545 - 9**	Test method available	Resists
Moisture expansion (mm/m)		**10545 - 10**	Test method available	< 0,1
Crazing resistance		**10545 - 11**	Required	Resists
Frost resistance		**10545 - 12**	Required	Resists
Slip resistance		**ASTM C 1028**	-	Wet > 0,60; Dry > 0,60
Slip resistance, DCOF		**ANSI.A137.1:2012 BOT 3000**	-	> 0,42
Fire reaction		**EN 13823 EN 9239-1**	CPR(UE) 305/2011, 2000/147/CE, UNI EN 13501-1	Class $A1_{fl}$
CHEMICAL PROPERTIES				
Resistance to household chemicals and swimming pool salts		**10545 - 13**	min GB	GA
Resistant to low concentrations	Acids		Indicated by the manufacturer	GLA
	Alkalis			GLA
Resistant to high concentrations	Acids		Test method available	-
	Alkalis			-
Resistance to stains		**10545 - 14**	min 3	5

This product complies with all the requirements that appears in the international Standard ISO 13006:2018 annex BIa and European Standard EN 14411:2016

CE

EN 14411 : 2012

DoP nr. 001 GP

Solignano Nuovo, 05/12/2022

Technical Department

ABK GROUP Industrie Chimiche S.p.A. - Technical Department