

Ceramica ARIANA Quality Department CERTIFIES that Series **LARIX**, Colored Body Porcelain Tiles, has the following Tecnical Characteristics

TECNICAL CHARACTERISTICS	TEST	PRODUCT STANDARD	Ariana AVERAGE VALUES	
	STANDARD UNI EN-ISO	ISO 13006 EN 14411		
DIMENSIONAL CHARACHERISTICS				
Length and width	10545 - 2	+/- 0,6 %	+/- 0,6 %	
Thickness		+/- 5 %	+/- 5 %	
Straightness of sides		+/- 0,5 %	+/- 0,5 %	
Rectangularity		+/- 0,5 %	+/- 0,5 %	
Surface flatness		+/- 0,5 %	+/- 0,5 %	
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	≥ 40	
Resistance tu surface abrasion	10545 - 7	Indicated by the manufacturer	Sabbia/Perla/Fieno: PEI V Tortora: PEI IV Fumé: PEI III	
Coefficient of linear thermal expansion (K ⁻¹)	10545 - 8	Test metod available	6 x 10 ⁻⁶	
Termal shock resistance	10545 - 9	Test metod available	Resists	
Moisture expansion (mm/m)	10545 - 10	Test metod available	< 0,1	
Crazing resistance	10545 - 11	Required	Resists	
Frost resistance	10545 - 12	Required	Resists	
Hardiness in Mohs Degrees	EN 101	min 5	Passed	
Critical angle of slip		on request	-	
CHEMICAL PROPERTIESECE				
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 metod available	
	Alkalis			
Resistance to stans	10545 - 14	min 3	5	

This product complies with all the requirements that appears in the international Standard ISO 13006 annex B1a and European Standard EN 14411:2012



EN 14411 : 2012
 DoP nr. 001 GP

Solignano, 28 January 2014



Technical Department
Leaf