

## PRODUCT CERTIFICATE LABORATORY OF FINISHED PRODUCT

ISO 13006-10545 Equivalent Brazilian Norm ABNT NBR ISO 13006 - NBR ISO 10545 Brazilian Performance Norm ABNT - NBR 15575

Eliane Revestimentos Ceramicos Itda . Rua Maximiliano Gaidzinski-sala 2, N. 245 88845-000 . Cocal do Sul- SC . Brasil . +55 (048) 3447-7777 . www.eliane.com

Product: ALVERSTONE IVORY EXT 30X60\*

Manufacturing Process:

Thickness:

Wet ceramic process

Code: 8036175

Manufacturing Size:

300,0 x 600,0 mm

Class: Bla

Nominal Size:

30X60 cm

Typology: Porcelain tile

9.5 mm

Shade V3

Coverage Area:

1,26m²/box

Grout Joint:

Pieces per box:

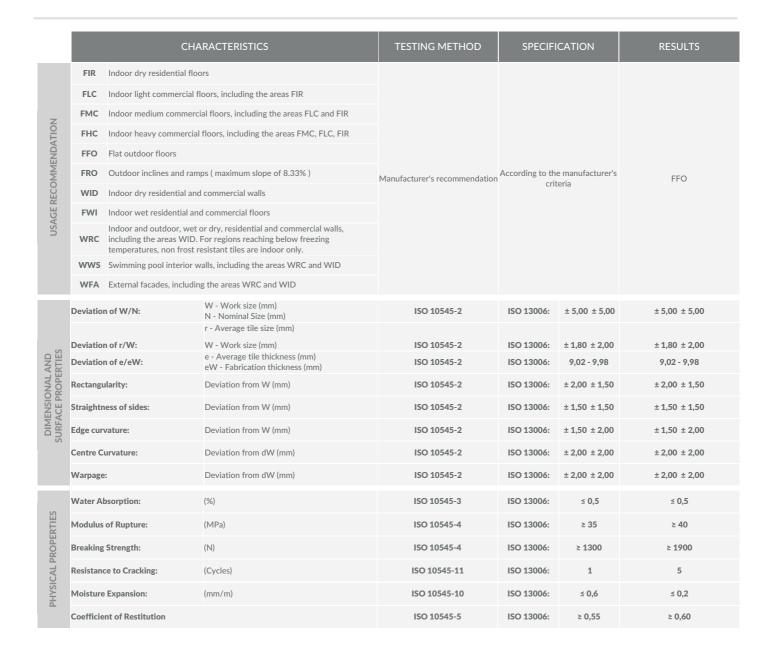
7,00

Rectified: No

3 mm

Surface:

GL (Glazed)



	CHARACTERISTICS		TESTING METHOD	SPECIFICATION		RESULTS
CHEMICAL PROPERTIES	Stain Resistance					
	Penetrating Agent	Green Chrome (40% oil)	ISO 10545-14	ISO 13006:		
	Layer Forming Agent	Olive Oil			≥ 3	5
	Oxidizing Agent	Alcoholic Iodine				
	Chemical Resistance					
	Domestic product	Ammonium Chloride 100g/L	ISO 10545-13	ISO 13006:	≥ GB	GA
	Pool water treatment	Sodium hypochlorite 20mg			≥ GB	GA
	Low concentration alkali	Potassium Hydroxide 30g / L			A declarar	GLB
	Low concentration acid	Chloridric acid 3% (v/v)			A declarar	GLB
	Low concentration acid	Citric Acid 100g/L			A declarar	GLB
DYNAMIC FRICTIONCOEFFICIENT	Wet Dynamic Friction Coefficient		NBR 16919-	NBR 16919:	> 0,4	0,6
PERFORMANCE	Solar Absortance - α*		NBR 15575 - 3-	NBR 15575:	To declare	0.6 - 0.7
	Solar Deflection - ε*		NBR 15575 - 3-	NBR 15575:	To declare	0.75 - 0.85
	Impact of Hard Object		NBR 15575 - 3-	NBR 15575:	Ruptura (5J)	Ruptura (5J)
	Flammability		NBR 15575 - 3-	NBR 15575:	Class I	Class I
	Solar Reflectance - ρ*		NBR 15575 - 3-	NBR 15575:	To declare	0.4 - 0.3
	Moisture Resistance		NBR 15575 - 3-	NBR 15575:	To declare	Resistant
	Useful life:	(years)	NBR 15575 - 3-	NBR 15575:	13	13
	Solar Reflectance Index - SRI H = 5 (W / m <sup>2</sup> K)*		NBR 15575 - 3-	NBR 15575:	To declare	65 - 40

## Note:

Check if the product is suitable for the intended use.

Sand may cause scratches in any type of covering (stone, wood, vinyl or ceramic). For this reason, ceramic tile are not warranted against scratches, specially products with glossy finish. It is recommended special care during its installation and its use. In residential areas, we recommend to protect the base of furniture and appliances. Several performance characteristics required in the ABNT NBR 15575 norm refer to the prescriptive ABNT NBR 13818 norm, which is contained in this report. Negligence towards the recommended use specified in this report, abnormal environmental and climate factors, changes in the work surroundings, will reduce the useful lifetime of the product, which may be shorter than the period declared by the manufacturer.

 $^{\ast}$  According to information in the ANFACER sectorial performance manual



COCAL DO SUL (SC), September 20th, 2022

**Sergio Pereira Ruzza** CRQ: 13200008 Ceramic Technology Manager **Angela Waterkemper Vieira** P&D Coordinator