PRODUCT CERTIFICATE
FINISHED PRODUCT LABORATORY

DECORTILES

ASTM - ANSI A137.1

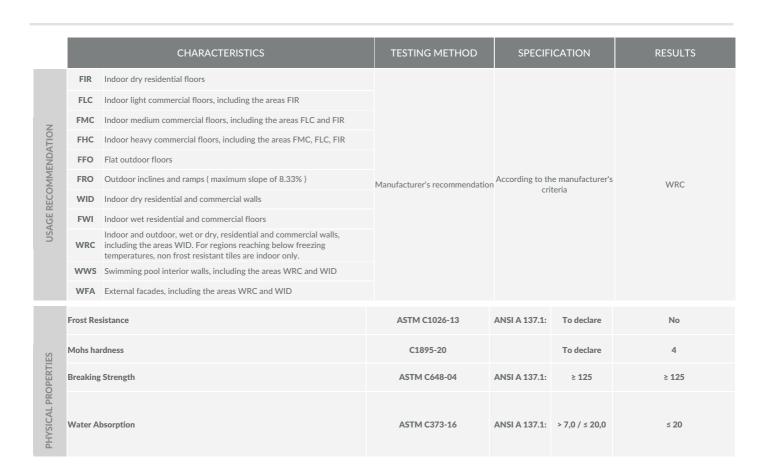|			
Product:	IBIRAPUERA CAMEL MA 30x90	Production Process:	Wet ceramic process
Code:	8045757	Work Size (W):	300,0 x 900,0 mm / 12,00 x 35,50 in
Class:	BIII	Nominal Size (N):	30X90 cm
Typology:	Ceramic wall tile	Thickness (Ew):	12,0 mm
Shade:	V2	Covering Area:	1,62m²/box - 17,4sq.ft./box
Grout:	1 mm	Pieces per box:	6,00
Rectified:	Yes	Surface:	GL (Glazed)

	CHARACTERISTICS	TESTING METHOD	SPECIFICATION	RESULTS
USAGE RECOMMENDATION	**FIR** Indoor dry residential floors	Manufacturer's recommendation	According to the manufacturer's criteria	WRC
	FLC Indoor light commercial floors, including the areas FIR			
	FMC Indoor medium commercial floors, including the areas FLC and FIR			
	FHC Indoor heavy commercial floors, including the areas FMC, FLC, FIR			
	FFO Flat outdoor floors			
	FRO Outdoor inclines and ramps (maximum slope of 8.33%)			
	WID Indoor dry residential and commercial walls			
	FWI Indoor wet residential and commercial floors			
	WRC Indoor and outdoor, wet or dry, residential and commercial walls, including the areas WID. For regions reaching below freezing temperatures, non frost resistant tiles are indoor only.			
	WWS Swimming pool interior walls, including the areas WRC and WID			
	WFA External facades, including the areas WRC and WID			

	CHARACTERISTICS	TESTING METHOD	SPECIFICATION		RESULTS
PHYSICAL PROPERTIES	Frost Resistance	ASTM C1026-13	ANSI A 137.1:	To declare	No
	Mohs hardness	C1895-20		To declare	4
	Breaking Strength	ASTM C648-04	ANSI A 137.1:	≥ 125	≥ 125
	Water Absorption	ASTM C373-16	ANSI A 137.1:	> 7,0 / ≤ 20,0	≤ 20

	CHARACTERISTICS	TESTING METHOD	SPECIFICATION		RESULTS
CHEMICAL PROPERTIES	Stain Resistance	ASTM C1378-04	ANSI A 137.1:	Class A - E	Class A
	Chemical Resistance	ASTM C650-04	ANSI A 137.1:	Class A - E	Class A

Note:

Verify if the product is adequate for the intended usage.

Sand may cause scratches in any type of covering (stone, wood, vinyl, or ceramic). For this reason, ceramic tiles are not warranted against scratches, especially concerning products with glossy surfaces. It is recommended special care during installation and use. In residential areas, we recommend protecting the base of furniture and appliances.

Negligence towards the intended use specified in this report, abnormal environmental action, climate factors, etc, is going to reduce the product's useful life, which may be shorter than the period declared by the manufacturer.

Tiles cleaning: Tiles with metallic and special glass finishes should be cleaned only with a cloth soaked in water and neutral detergent. Do not use acidic cleaning products or abrasive sponges that may damage the tile's surface.

On outdoor areas of regions where there is an incidence of snow, the frost resistance should always be analyzed. Only porcelain ⬚les are indicated for outdoors use in areas with a temperature equal to or less than 0°C / 32°F.

QR WARRANTY CODE:
Validate this certificate in:

COCAL DO SUL (SC), August 02th, 2022

Sergio Pereira Ruzza
CRQ: 13200008
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Angela Waterkemper Vieira
P&D Coordinator