



## PRODUCT SHEET

# ARENISCA FLORESTA CASTELLOTS

## DESCRIPTION

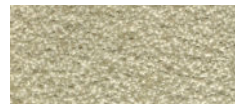
Floresta Castellots Sandstone is a natural sedimentary stone characterized by its fine grain and uniform beige color. Depending on the extraction area, this stone may display different tonal variations in the form of veining, which gives it a unique and distinctive appearance. Quarried in La Floresta, Lleida, this stone is known for its quality, durability, and adaptability to various climatic conditions.

Floresta Castellots Sandstone has been widely used in a range of architectural projects, both in modern constructions and in the restoration of historic buildings.



EXTERIOR AND INTERIOR CLADDING OF THE NEW MUNICIPAL THEATER IN TORREVIEJA, SPAIN

## FINISHES



BUSH-HAMMERED



POINTED



SANDBLASTED



POLISHED



AGED

## FORMATS

Blocks: Suitable for large-scale projects such as sculptures or structural elements.

Slabs: Perfect for large surface claddings and countertops.

Tiles: Ideal for indoor and outdoor flooring.

UNE-EN	TEST	RESULT		DATE
936:2007	APPARENT DENSITY AND OPEN POROSITY	MEAN VALUE	2390 kg/m3	13-06-2024
936:2007	OPEN POROSITY	MEAN VALUE	13,2 %	13-06-2024
14157:2018	ABRASION RESISTANCE	MEAN VALUE	27,0 mm	17/06/2024
		EXPECTED MAXIMUM VALUE	28,5 mm	
13755:2008	WATER ABSORPTION	MEAN VALUE	3,2%	20-06-2024
1926:2007	COMPRESSIVE STRENGTH	MEAN VALUE	94MPa	21-06-2024
		STANDARD DEVIATION	11MPa	
		EXPECTED MINIMUM VALUE	72MPa	
13364:2002	BREAKING LOAD AT DOWEL HOLE	MEAN VALUE	1100N	01-07-2024
		STANDARD DEVIATION	150N	
		EXPECTED MINIMUM VALUE	845 N	
16165:2022 + NATIONAL ANNEX A	SLIP RESISTANCE (SLIPPERINESS ) HONED	WET SLIP RESISTANCE (SHOE 57)	78	04-07-2024
16165:2022 + NATIONAL ANNEX A	SLIP RESISTANCE (SLIPPERINESS) SAWN	WET SLIP RESISTANCE (SHOE 57)	80	04-07-2024
12407:2020	PETROGRAPHIC EXAMINATION	PETROGRAPHIC DEFINITION	Litarenita	17-07-2024
12372:2022	DETERMINATION OF FLEXURAL STRENGTH UNDER CONCENTRATED LOAD	MEAN VALUE	11,7 MPa	18-07-2024
		STANDARD DEVIATION	0,6 MPa	
		EXPECTED MINIMUM VALUE	10,5 MPa	
12371:2011	FROST RESISTANCE (TECHNOLOGICAL TEST)	MEAN FLEXURAL STRENGTH AFTER 56 CYCLES	10,9 MPa	18-07-2024
		STRENGTH AFTER 56 CYCLES	7 %	

