

Range Name:

Calacatta Marble

Ref: P+E-CAM-TDS-01

Technical specification of porcelain floor tiles manufactured in accordance with the UNE-EN ISO standard, Bla group.

	Testing To Standard	Average Typical Values	Result
Physical Properties			
Group			Bla
Values According To			UNE-EN 14411
Material			Porcelain
Colours			White/Grey, White/Gold
Finish			Matt
Size Formats (mm)			300 x 600, 600 x 600, 600 x 1200
Thickness (mm)			9
Rectified			Yes
Shade Variation			V2
Technical Properties			
Dimensions and Surface Aspect	UNE-EN-ISO 10545-2	Requested Value	Conforms
Water Absorption	UNE-EN-ISO 10545-3	≤ 0.5%	0.1 - 0.2%
Flexural Strength	UNE-EN-ISO 10545-4	< 7.5mm - ≥ 700 N ≥ 7.5mm - ≥ 1300 N	950 N Minimum 1500 N
Breaking Strength	UNE-EN-ISO 10545-4	≥ 35 N/mm²	35 N/mm²
Abrasion Resistance	UNE-EN-ISO 10545-7	Declared Value	3 - 5
Thermal Shock Resistance	UNE-EN-ISO 10545-9	Declared Value	Conforms
Cracking Resistance	UNE-EN-ISO 10545-11	Declared Value	Conforms
Frost Resistance	UNE-EN-ISO 10545-12	Declared Value	Conforms
Chemical Resistance Properties			
Household & Pool Chemicals	UNE-EN-ISO 10545-13	Minimum GB	GLA, GHA, GA
Stain Resistance Properties			
Resistance to Staining	UNE-EN-ISO 10545-14	Minimum 3 (GL)	5
Release of Dangerous Substances			
Lead	UNE-EN-ISO 10545-15	≤ 0.2 mg/l.Pb	0
Cadmium	UNE-EN-ISO 10545-15	≤ 0.02 mg/l.Cd	0
Natural Radioactivity	ITB 455/2010	No Requirements	Below Admissible Values
Slip Resistance Properties			
Slip Resistance (Pendulum)	DIN 51130	Declared Value	R9

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FIXING

To ensure the products adhere correctly to the surface, it is essential to use specific adhesive and grouting material. This must also be suitable for the environment they will have to withstand. Fitting with traditional mortars does not ensure good adhesion.

Due to the nature of the material there may be dimensional variations between pieces. Therefore , all types of joints must be planned and carried out correctly: structural, perimeter, expansion and installation joints. Fitting tiles without joints is not advisable from any technical point of view as this may lead to various problems. For an optimal result we advise to use 1.5 mm grout.

MAINTENANCE AND CLEANING

Once the materials have been fitted, it is advisable to remove any remaining adhesive and grouting material by using a commercial de-scaling product designed especially, diluted with water . The de-scaling product must not remain in contact with the surface to be cleaned for more than 5 minutes.

As a general guideline, powder detergents should not be used, not wire wool or abrasive materials. Generally a sponge will be sufficient with warm water and liquid neutral soap, then rinse with plenty of clean water.

PACKAGING

	Size (mm)	Thickness	Box Qty	M² / Box	Kg / Box	Boxes / Pallet	M² / Pallet	Kg / Pallet
A	300 x 600	9	6	1.08	20	48	51.84	1020
B	600 x 600	9	4	1.44	28	30	43.2	880
C	600 x 1200	9	2	1.44	32	30	43.2	1000

P Y R O + E C H O	Pyro + Echo Teardrop Centre London Road, Swanley BR8 8TS, London	P Y R O + E C H O	P Y R O + E C H O	P Y R O + E C H O	P Y R O + E C H O	
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