

LYTHOS

CE technical data sheet · UNI EN 14411 · Bla

Rectified porcelain tiles · Thickness 8.5 mm

Sizes: 120×120 · 60×120 · 60×60 cm

Finishes: Natural / Grip

Physical and mechanical properties

Property	Test method	Catalogue requirement	Natural	Grip
Reaction to fire	96/603/EC as amended		A1FL	A1FL
Length and width	EN ISO 10545-2	±0.3% (±1.0 mm)	Compliant	Compliant
Thickness	EN ISO 10545-2	±5.0% (±0.5 mm)	Compliant	Compliant
Straightness of sides	EN ISO 10545-2	±0.3% (±0.8 mm)	Compliant	Compliant
Rectangularity	EN ISO 10545-2	±0.3% (±1.5 mm)	Compliant	Compliant
Surface flatness	EN ISO 10545-2	±0.4% (±1.8 mm)	Compliant	Compliant
Water absorption	EN ISO 10545-3	≤0.5%	≤0.1%	≤0.1%
Breaking strength	EN ISO 10545-4	S ≥1,300 N (>7.5 mm)	S ≥2,400 N	S ≥2,400 N
Modulus of rupture	EN ISO 10545-4	R ≥35 N/mm ²	R ≥48 N/mm ²	R ≥48 N/mm ²
Impact resistance	EN ISO 10545-5	Declared value	>0.80	>0.80
Deep abrasion resistance	EN ISO 10545-6	≤175 mm ³	<150 mm ³	<150 mm ³
Linear thermal expansion	EN ISO 10545-8	Declared value	6.6 × 10 ⁻⁶ °C ⁻¹	6.6 × 10 ⁻⁶ °C ⁻¹
Thermal shock resistance	EN ISO 10545-9	Test passed EN ISO 10545-1	No damage	No damage
Frost resistance	EN ISO 10545-12	Test passed EN ISO 10545-1	No damage	No damage

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Chemical resistance and slip resistance

Property	Test method	Catalogue requirement	Natural	Grip
Household chemicals and pool additives	EN ISO 10545-13	UB min.	A	A
Low concentration acids and alkalis	EN ISO 10545-13		LA	LA
High concentration acids and alkalis	EN ISO 10545-13		HA	HA
Stain resistance	EN ISO 10545-14	Declared value	Class 5	Class 5
Lead and cadmium release	EN ISO 10545-15	Declared value	Below detection limit	Below detection limit
Coefficient of friction	DM 236/89 · BCRA	>0.40	>0.40	>0.40
Dynamic coefficient of friction	ANSI A326.3	≥0.42 wet	≥0.42	≥0.55
Shod slip resistance	DIN 51130		R10	R11
Barefoot slip resistance	DIN 51097		B	A+B+C

Application notes

Performance and compliance with the requirements stated in the collection catalogue, referring to UNI EN 14411, group Bla, Annex G. Harmonised reference for CE marking: EN 14411:2012.

Values apply to the finishes shown in the columns. Results from different slip resistance tests are not interchangeable and do not, by themselves, establish suitability for a particular setting.

Field tile values do not automatically apply to decors, mesh backed mosaics or special processing. Decors require their own specifications; do not assign field tile slip ratings to them.

Grip is available only in 60×60 cm, in Sabbia and Taupe.

Methods, limits and classifications are reproduced from the catalogue. This technical data sheet does not replace the Declaration of Performance. For installation and cleaning, consult the Noema manuals and the instructions for the specific item.