

Range Name:
Spinners Gate Stone 2cm

Ref: PE-TDS-SpinnersGate-26J1.0
20mm outdoor porcelain pavers for raised 4-pedestal installation. Ivory, Beige, Grey, Black, Beige-Grey. Technical values per manufacturer's data (January 2026).

PHYSICAL PROPERTIES	IVORY	BEIGE	GREY	BLACK	BEIGE-GREY
Nominal size	600 x 600	600 x 600	600 x 600	600 x 600	600 x 600
Work size (mm)	598 x 598 x 20	598 x 598 x 20	598 x 598 x 20	598 x 598 x 20	598 x 598 x 20
Edge	Rectified	Rectified	Rectified	Rectified	Rectified
Finish	Relief matt	Relief matt	Relief matt	Relief matt	Relief matt
Body	Full-body sintered porcelain	Full-body sintered porcelain	Full-body sintered porcelain	Full-body sintered porcelain	Full-body sintered porcelain
Classification	EN 14411 Annex G, Bla	EN 14411 Annex G, Bla	EN 14411 Annex G, Bla	EN 14411 Annex G, Bla	EN 14411 Annex G, Bla
UPEC	U4 P3 E3 C2 F+	U4 P3 E3 C2 F+	U4 P3 E3 C2 F+	U4 P3 E3 C2 F+	U4 P3 E3 C2 F+
Light reflectance (LRV)	48	43	28	14	25
Shade variation	V3	V3	V3	V3	V3

TECHNICAL PROPERTIES	TESTING STANDARD	IVORY	BEIGE	GREY	BLACK	BEIGE-GREY
Length and width	ISO 10545-2	±0.4%	±0.4%	±0.4%	±0.4%	±0.4%
Thickness	ISO 10545-2	±5%	±5%	±5%	±5%	±5%
Straightness / rectangularity	ISO 10545-2	±0.25% / ±0.3%	±0.25% / ±0.3%	±0.25% / ±0.3%	±0.25% / ±0.3%	±0.25% / ±0.3%
Surface flatness	ISO 10545-2	±0.25%	±0.25%	±0.25%	±0.25%	±0.25%
Water absorption	ISO 10545-3	<0.3% (ind. max 0.4%)	<0.3% (ind. max 0.4%)	<0.3% (ind. max 0.4%)	<0.3% (ind. max 0.4%)	<0.3% (ind. max 0.4%)
Breaking strength	ISO 10545-4	Min. 11,000 N	Min. 11,000 N	Min. 11,000 N	Min. 11,000 N	Min. 11,000 N
Modulus of rupture	ISO 10545-4	Min. 40 N/mm ²	Min. 40 N/mm ²	Min. 40 N/mm ²	Min. 40 N/mm ²	Min. 40 N/mm ²
Deep abrasion	ISO 10545-6	Max. 135 mm ³	Max. 135 mm ³	Max. 135 mm ³	Max. 135 mm ³	Max. 135 mm ³
Thermal expansion	ISO 10545-8	Max. 8 x 10 ⁻⁶ /K	Max. 8 x 10 ⁻⁶ /K	Max. 8 x 10 ⁻⁶ /K	Max. 8 x 10 ⁻⁶ /K	Max. 8 x 10 ⁻⁶ /K
Thermal shock	ISO 10545-9	Resistant	Resistant	Resistant	Resistant	Resistant
Crazing	ISO 10545-11	Resistant	Resistant	Resistant	Resistant	Resistant
Frost resistance	ISO 10545-12	Resistant	Resistant	Resistant	Resistant	Resistant
Moisture expansion	ISO 10545-10	0.2 mm/m	0.2 mm/m	0.2 mm/m	0.2 mm/m	0.2 mm/m
Impact resistance	ISO 10545-5	Min. 0.6	Min. 0.6	Min. 0.6	Min. 0.6	Min. 0.6
Chemical resistance – household / pool	ISO 10545-13	A	A	A	A	A
Chemical resistance – acids / alkalis	ISO 10545-13	LA / HA	LA / HA	LA / HA	LA / HA	LA / HA
Stain resistance	ISO 10545-14	Min. 3	Min. 3	Min. 3	Min. 3	Min. 3
Slip resistance – shod	DIN 51130	R11	R11	R11	R11	R11
Slip resistance – barefoot	DIN 51097	B	B	B	B	B
Coefficient of friction (dry / wet)	EN 16165	Min. 0.7	Min. 0.7	Min. 0.7	Min. 0.7	Min. 0.7
Surface hardness (Mohs)	EN 15771	Min. 7	Min. 7	Min. 7	Min. 7	Min. 7
Bond strength (cementitious)	EN 12004	Min. 1.0 N/mm ²	Min. 1.0 N/mm ²	Min. 1.0 N/mm ²	Min. 1.0 N/mm ²	Min. 1.0 N/mm ²
Reaction to fire	EN 13501-1	A1 / A1fl	A1 / A1fl	A1 / A1fl	A1 / A1fl	A1 / A1fl
Radionuclide activity index	EN 14411	Max. 1.0	Max. 1.0	Max. 1.0	Max. 1.0	Max. 1.0
Reference service life	EN 14411	50 years	50 years	50 years	50 years	50 years

UPEC U4 P3 E3 C2 F+ certified for raised installation on a 4-pedestal system (one pedestal at each corner, no fifth centre pedestal). Pedestal type, height and load data to be confirmed for each project; follow the pedestal manufacturer's guidance. Values are typical and given in good faith from the manufacturer's data; Pyro + Echo reserves the right to amend specifications without notice. Request samples prior to ordering

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