Qstone

Endless

Met Endless bundelen we de expressieve kracht en het tijloze esthetisch aspect van beton. Dit materiaal heeft zijn stempel reeds jarenlang gedrukt in de wereld van architectuur en speelt een belangrijke rol in hedendaags design omwille van zijn eindeloze mogelijkheden in kleurcontrasten en grafische effecten.
De oorsprong van Endless vind je terug in de observatie van industriële omgevingen en grootstedelijke gebieden, dit vormt een herinterpretatie van beton op grès-porcellanato. Een veelzijdig en excellent materiaal zowel qua technische als esthetische prestaties.
De unieke kleuren en oppervlaktestructuren van deze collectie bieden u de ultieme beleving van echt beton en kaderen zo uw persoonlijkheid aan de ruimte. Naast de traditionele formaten, bieden de XXL slabs een subtiele variatie in kleur en zorgen zo voor een tijdloos en eindeloos vloeroppervlak.

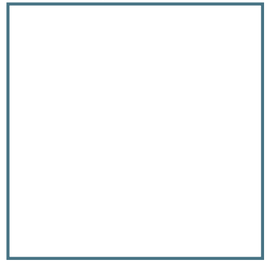
6 kleuren

7 formaten

Endless

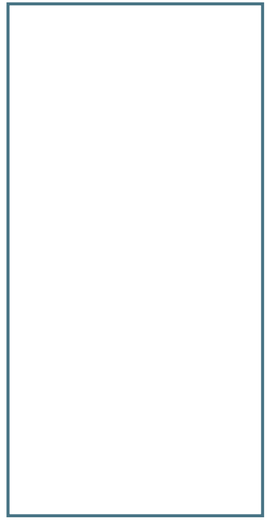
60 x 120 x 0,9 cm rttf.

80 x 80 x 0,9 cm rttf.

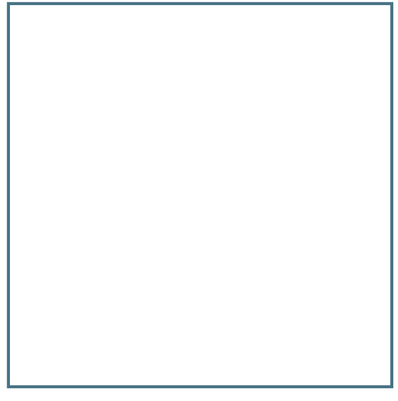


120 x 240 x **0,6** cm rttf.
120 x 240 x **0,9** cm rttf.

160 x 80 x 0,9 cm rttf.



120 x 120 x 0,9 cm rttf.



60 x 30 x 0,9 cm rttf.

60 x 60 x 0,9 cm rttf.

Endless Nero 80 x 80 cm

Endless Nero

60 x 120 cm
F62ENDKONRO

120 x 240 cm
F14ENDKONRO

80 x 80 cm
F80ENDKONRO

80 x 160 cm
F86ENDKONRO

30 x 60 cm
F63ENDKONRO

120 x 120 cm
F12ENDKONRO

60 x 60 cm
F60ENDKONRO

Endless Grigio 80 x 80 cm

Endless Grigio

60 x 120 cm
F62ENDG0NR0

120 x 240 cm
F14ENDG0NR0

80 x 80 cm
F80ENDG0NR0

80 x 160 cm
F86ENDG0NR0

30 x 60 cm
F63ENDG0NR0

120 x 120 cm
F12ENDG0NR0

60 x 60 cm
F60ENDG0NR0

Endless Bianco vloer 80 x 160 cm

Endless Bianco

60 x 120 cm
F62ENDA0NR0

120 x 240 cm
F14ENDA0NR0

80 x 80 cm
F80ENDA0NR0

80 x 160 cm
F86ENDA0NR0

30 x 60 cm
F63ENDA0NR0

120 x 120 cm
F12ENDA0NR0

60 x 60 cm
F60ENDA0NR0

Qstone

Endless Avorio 80 x 160 cm

Endless Avorio

60 x 120 cm
F62ENDB1NR0

120 x 240 cm
F14ENDB1NR0

80 x 80 cm
F80ENDB1NR0

80 x 160 cm
F86ENDB1NR0

30 x 60 cm
F63ENDB1NR0

120 x 120 cm
F12ENDB1NR0

60 x 60 cm
F60ENDB1NR0

Endless Beige 120 x 120 cm (floor) & 120 x 240 (wall)

Endless Beige

60 x 120 cm
F62ENDB0NR0

120 x 240 cm
F14ENDB0NR0

80 x 80 cm
F80ENDB0NR0

80 x 160 cm
F86ENDB0NR0

30 x 60 cm
F63ENDB0NR0

120 x 120 cm
F12ENDB0NR0

60 x 60 cm
F60ENDB0NR0

Endless Taupe 120 x 240 cm

Endless Taupe

60 x 120 cm
F62ENDF0NR0

120 x 240 cm
F14ENDF0NR0

80 x 80 cm
F80ENDF0NR0

80 x 160 cm
F86ENDF0NR0

30 x 60 cm
F63ENDF0NR0

120 x 120 cm
F12ENDF0NR0

60 x 60 cm
F60ENDF0NR0

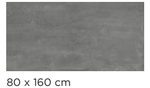
6 kleuren

7 formaten

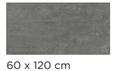
Nero

120 x 240 cm
F14ENDK0NR0

120 x 120 cm
F12ENDK0NR0



80 x 160 cm
F86ENDK0NR0



60 x 120 cm
F62ENDK0NR0

80 x 80 cm
F80ENDK0NR0

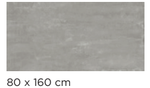
60 x 60 cm
F60ENDK0NR0

30 x 60 cm
F63ENDK0NR0

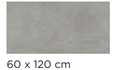
Grigio

120 x 240 cm
F14ENDG0NR0

120 x 120 cm
F12ENDG0NR0



80 x 160 cm
F86ENDG0NR0



60 x 120 cm
F62ENDG0NR0

80 x 80 cm
F80ENDG0NR0

60 x 60 cm
F60ENDG0NR0

30 x 60 cm
F63ENDG0NR0

Bianco

120 x 240 cm
F14ENDA0NR0

120 x 120 cm
F12ENDA0NR0

80 x 160 cm
F86ENDA0NR0

60 x 120 cm
F62ENDA0NR0

80 x 80 cm
F80ENDA0NR0

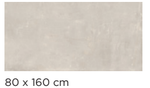
60 x 60 cm
F60ENDA0NR0

30 x 60 cm
F63ENDA0NR0

Avorio

120 x 240 cm
F14ENDB1NR0

120 x 120 cm
F12ENDB1NR0



80 x 160 cm
F86ENDB1NR0

60 x 120 cm
F62ENDB1NR0

80 x 80 cm
F80ENDB1NR0

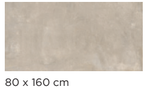
60 x 60 cm
F60ENDB1NR0

30 x 60 cm
F63ENDB1NR0

Beige

120 x 240 cm
F14ENDB0NR0

120 x 120 cm
F12ENDB0NR0



80 x 160 cm
F86ENDB0NR0

60 x 120 cm
F62ENDB0NR0

80 x 80 cm
F80ENDB0NR0

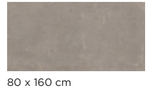
60 x 60 cm
F60ENDB0NR0

30 x 60 cm
F63ENDB0NR0

Taupe

120 x 240 cm
F14ENDF0NR0

120 x 120 cm
F12ENDF0NR0



80 x 160 cm
F86ENDF0NR0

60 x 120 cm
F62ENDF0NR0

80 x 80 cm
F80ENDF0NR0

60 x 60 cm
F60ENDF0NR0

30 x 60 cm
F63ENDF0NR0

Technische gegevens Endless

ALL TESTS ARE CARRIED OUT BY ITALIAN LABORATORIES ACCREDITED ACCORDING TO ISO/IEC 17025:2005
Standards according to ISO 13006: Annex G - EN 14411: Annex G. Dry - Pressed Ceramic Tiles.

QUALITY ITEMS	TECHNICAL FEATURE	STANDARD METHOD ISO	REQUIREMENTS					
					Side < 1200 mm		Side ≥ 1200 mm	
			%	mm	%	mm	%	mm
DIMENSIONS AND SURFACE QUALITY	LENGH AND WIDTH	UNI EN ISO 10545-2	±0,6%	±2,0	±0,2%	±2,0	±0,1%	±1,5
	THICKNESS		±5%	±0,5	±5%	±0,5	±4%	±0,36
	STRAIGHTNESS OF SIDES		±0,5%	±1,5	±0,2%	±1,5	±0,1%	±1,5
	RECTANGULARITY		±0,5%	±2,0	±0,33%	±1,5	±0,1%	±1,5
	FLATNESS		±0,5%	±2,0	±0,26%	±1,5	±0,2%	±1,5
	SURFACE QUALITY		A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles.		Compliant			
PHISICAL PROPERTIES	WATER ABSORPTION	UNI EN ISO 10545-3	$E_b \leq 0,5\%$ Individual maximum : 0,6% (absorbed water mass)		$E_b \leq 0,2\%$ (absorbed water mass)			
	BREAKING STRENGTH	UNI EN ISO 10545-4	Min 1300 N		≥ 2000 N			
	MODULUS OF RUPTURE		R ≥ 35 N/mm² minimum 32 Not applicable to tiles with breaking strength ≥ 3000 N		R ≥ 45 N/mm² minimum 40 Not applicable to tiles with breaking strength ≥ 3000 N			
	FROST RESISTANCE	UNI EN ISO 10545-12	Required		Compliant			
	SCRATCH HARDNESS (Mohs scale)	EN 101	Min 6		Compliant			
	SURFACE ABRASION	UNI EN ISO 10545-7	0 (100 cycles) 1 (150 cycles) 2 (600 cycles) 3 (1500 cycles) 4 (6000 cycles) 5 (> 12000 cycles)		5 (Maximum level)			
	COEFFICIENT OF LINEAR THERMAL EXPANSION FROM AMBIENT TEMPERATURE TO 100° C (K^{-1})	ISO 10545-8	Required		$6 \times 10^{-6} K^{-1}$ max			
	CRAZING RESISTANCE	ISO 10545-11	Required		Compliant			
	RESISTANCE TO THERMAL SHOCK	ISO 10545-9	10 Cycles Min		Compliant			
	IMPACT RESISTANCE	ISO 10545-5	Min 0,55		Compliant			
	BULK DENSITY	DIN 51082	2,2 g/cc Min		Compliant			
CHEMICAL PROPERTIES	RESISTANCE TO STAINING	UNI EN ISO 10545-14	Minimum Class 3		5			
	RESISTANCE TO HOUSEHOLD CHEMICALS AND SWIMMING POOL SALTS	UNI EN ISO 10545-13	Minimum UB		GA (No visible effect)			
	RESISTANCE TO HIGH AND LOW CONCENTRATIONS OF ACIDS AND ALKALIS		To be reported		GLA - GHA (No visible effect)			
	SLIP RESISTANCE	DIN 51130			R10			
		DIN 51097			B (A+B)			

Packaging info

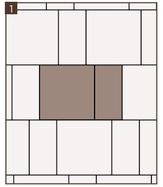
Nominal	Thickness	Pcs. / box	Sq. mt / box	Weight / box (kg)	Box / pallet	Sq. Mts / pallet	Pallet weight (kg)
120 x 240 cm	6	1	2,870	45,455	22	63,14	1 000
120 x 240 cm	9	1	2,870	69,067	15	43,05	1 036
120 x 120 cm	9	1	1,435	34,239	23	33,12	787,50
80 x 160 cm	9	1	1,280	30,40	35	44,625	1 064,00
60 x 120 cm	9	2	1,433	32,324	34	48,722	1 099,00
80 x 80 cm	9	2	1,274	28,548	42	53,51	1 199,00
60 x 60 cm	9	3	1,073	23,575	40	42,92	943,00
30 x 60 cm	9	2	1,274	28,548	42	53,51	1 199,00

Sizes

Nominal size	120 x 240	120 x 120	80 x 160	60 x 120	80 x 80	60 x 60	30 x 60
Actual Size	119,8 x 239,8	119,8 x 119,8	79,8 x 159,8	59,8 x 119,8	79,8 x 79,8	59,8 x 59,8	29,8 x 59,8

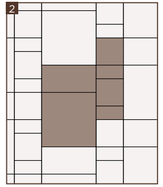
Surface pattern options

1



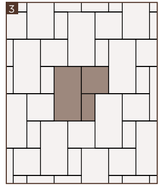
120x120	66,7%
60x120	33,3%

2



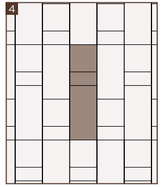
120x120	44,4%
60x120	22,2%
60x60	22,2%
30x60	11,1%

3



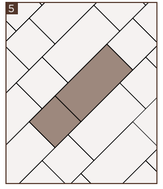
60x120	57,1%
60x60	28,6%
30x60	14,3%

4



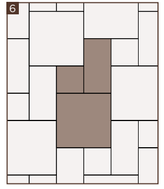
60x120	57,1%
60x60	28,6%
30x60	14,3%

5



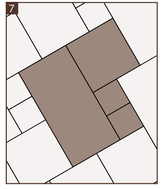
80x80	33,3%
80x160	66,7%

6



120x120	57,1%
60x120	28,6%
60x60	14,3%

7



120x240	57,1%
120x120	28,6%
60x60	14,3%

Installation suggestions

Qstone recommends 2 mm joint for optimal aesthetics taking advantage of the tiles caliber in multi-sized applications.
Both cement and epoxy grout can be used; grout-design color matching advisable for optimal aesthetics.
It is not recommended to use grouting with coloured pigments in contrast with the colour of the tiles.

Qstone

Aansprakelijkheid

Deze brochure is met de grootste zorg samengesteld. We kunnen echter niet verantwoordelijk gesteld worden voor eventuele (druk)fouten of kleurafwijkingen ten opzichte van de originelen. Aan de hand van de info in deze brochure kunnen geen rechten ontleend worden. v.u.: Qstone, Dendermondsesteenweg 60-62, 9270 Kalken
versie 2018v2