

iQ Granit is the ideal choice when durability is key. In addition to outstanding performance, iQ Granit provides a multi-solution offer with its complementary selection of specialist flooring and a wide range of colours for endless creativity. The iQ products maintenance properties provide the best life cycle cost on the market.

CERTIFICATION & CLASSIFICATION	STANDARDS	iQ Granit	iQ Granit Acoustic	iQ Toro SC	iQ Granit SD	Granit Safe.T	Granit Multisafe
Type of floor covering	ISO 10581 – EN 649	Homogeneous single layered vinyl flooring, Type I.	–	Static conductive homogeneous vinyl flooring, Type I.	Static dissipative homogeneous vinyl flooring, Type I.	–	Homogeneous vinyl flooring with studded surface, Type I.
	ISO 10582 – EN 651	–	Homogeneous vinyl flooring with foam interlayer.	–	–	–	–
	EN 13845	–	–	–	–	Slip resistant homogeneous vinyl flooring.	–
Classification	ISO 10874 – EN 685	Commercial: 34 Industrial: 43	Commercial: 33 Industrial: 42	Commercial: 34 Industrial: 43	Commercial: 34 Industrial: 43	Commercial: 34 Industrial: 43	Commercial: 34 Industrial: 43
TECHNICAL CHARACTERISTICS	STANDARDS	iQ Granit	iQ Granit Acoustic	iQ Toro SC	iQ Granit SD	Granit Safe.T	Granit Multisafe
Surface treatment		iQ PUR	iQ PUR	iQ PUR	iQ PUR	Safe.T clean	–
Total thickness	ISO 24346 – EN 428	2.0 mm	4.0 mm	2.0 mm	2.0 mm	2.0 mm	2.5 mm
Wear layer thickness	ISO 24340 – EN 429	2.0 mm	1.5 mm	2.0 mm	2.0 mm	2.0 mm	2.0 mm
Total weight/m ²	ISO 23997 – EN 430	2800 g	3810 g	2950 g	2950 g	2950 g	3010 g
Form of delivery	ISO 24341 – EN 426 Sheet (rolls)	Approx. 25 running metres x 200 cm Art. no. 3040 ___ 3 digit colour colour number	Approx. 23 running metres x 200 cm Art. no. 3221 ___ 3 digit colour colour number	Approx. 23 running metres x 200 cm Art. no. 3093 ___ 3 digit colour colour number	Approx. 23 running metres x 200 cm Art. no. 3096 ___ 3 digit colour colour number	Approx. 25 running metres x 200 cm Art. no. 3052 ___ 3 digit colour colour number	Approx. 25 running metres x 200 cm Art. no. 3476 ___ 3 digit colour colour number
		Art. no. 3218 ___ (Multicolour) 3 digit colour colour number	–	–	–	–	–
		Art. no. 21050 ___ (iQ Granit Micro) 3 digit colour colour number	–	–	–	–	–
ISO 24342 – EN 427 Tiles (box)	61.0 x 61.0 cm 14 tiles/box = 5.21 m ² Art. no. 3243 ___ 3 digit colour colour number	61.0 x 61.0 cm 14 tiles/box = 5.21 m ² Art. no. 3243 ___ 3 digit colour colour number	–	61.0 x 61.0 cm 14 tiles/box = 5.21 m ² Art. no. 3094 ___ 3 digit colour colour number	61.0 x 61.0 cm 14 tiles/box = 5.21 m ² Art. no. 3097 ___ 3 digit colour colour number	–	–
		Art. no. 3044 ___ (Multicolour) 3 digit colour colour number	–	–	–	–	–
		Art. no. 21051 ___ (iQ Granit Micro) 3 digit colour colour number	–	–	–	–	–
TECHNICAL PERFORMANCES	STANDARDS	iQ Granit	iQ Granit Acoustic	iQ Toro SC	iQ Granit SD	Granit Safe.T	Granit Multisafe
Reaction to fire	EN 13501-1 EN ISO 9239-1 EN ISO 11925-2	Class B _{f1} s1 ≥ 8 kW/m ² Pass	Class B _{f1} s1 ≥ 8 kW/m ² Pass	Class B _{f1} s1 ≥ 8 kW/m ² Pass	Class B _{f1} s1 ≥ 8 kW/m ² Pass	Class B _{f1} s1 ≥ 8 kW/m ² Pass	Class B _{f1} s1 ≥ 8 kW/m ² Pass
Marine equipment	IMO FTPS Part 5 and 2 IMO Res. A653		–	–	–	–	
Total VOC emissions	ISO 16000-6 AgBB/DiBt Indoor air quality FloorScore	≤ 10 µg/m ³ (after 28 days) Confirm Platinum SCS certified	≤ 10 µg/m ³ (after 28 days) Confirm Platinum SCS certified	≤ 10 µg/m ³ (after 28 days) Confirm Platinum SCS certified	≤ 10 µg/m ³ (after 28 days) Confirm Platinum SCS certified	≤ 10 µg/m ³ (after 28 days) Confirm Platinum SCS certified	≤ 10 µg/m ³ (after 28 days) Confirm Platinum SCS certified
Clean room	ISO 14644-1	ISO class 4	–	ISO class 4	ISO class 4	–	–
Ease of decontamination	ISO 8690 – DIN 25415	Excellent	Excellent	Excellent	Excellent	–	–
Chemical resistance	ISO 26987 – EN 423	Excellent	Excellent	Excellent	Excellent	Good	Good
Slip resistance	DIN 51130 DIN 51097 EN 13893 BS 7976-2	R9 – ≥ 0.3 Low risk of slip	R9 – ≥ 0.3 Low risk of slip	R9 – ≥ 0.3 Low risk of slip	R9 – ≥ 0.3 Low risk of slip	R10 Class B (≥ 18°) ≥ 0.3 Low risk of slip	R10 Class C (27°) ≥ 0.3 Low risk of slip
Wet room approval	EN 13553 Annex A	Watertight	–	–	–	Watertight	Watertight
Abrasion volume loss	EN 660: Part 2	Group T: ≤ 2.0 mm ³	Group T: ≤ 2.0 mm ³	Group P: ≤ 2.0 mm ³	Group P: ≤ 2.0 mm ³	Group P: ≤ 2.0 mm ³	Group T: ≤ 2.0 mm ³
Residual indentation	ISO 24343-1 – EN 433	Required value: ≤ 0.10 mm Average measured value: 0.02 mm	Required value: ≤ 0.20 mm Average measured value: 0.13 mm	Required value: ≤ 0.10 mm Average measured value: 0.02 mm	Required value: ≤ 0.10 mm Average measured value: 0.02 mm	Required value: ≤ 0.10 mm Average measured value: 0.02 mm	Required value: ≤ 0.10 mm Average measured value: 0.02 mm
Castor chair test	ISO 4918 – EN 425	Suitable	Suitable	Suitable	Suitable	Suitable	–
Impact sound reduction	EN ISO 717/2	–	Approx. + 15 dB	–	–	–	–
Static electrical charge	EN 1815	< 2 kV	–	< 2 kV	< 2 kV	< 2 kV	< 2 kV
Electrical insulation	VDE 0100, Part 600	–	–	R _f ≤ 5x10 ⁴ Ohms	R _f ≥ 5x10 ⁴ Ohms	–	–
Electrical resistance	ESD-approval SP method 2472 EN 1081	–	–	R ₁ ≤ 10 ⁹ Ohms R ₁ 5x10 ⁴ ≤ R ≤ 10 ⁹ Ohms R ₂ 5x10 ⁴ ≤ R ≤ 10 ⁹ Ohms	R ₁ ≤ 10 ⁹ Ohms R ₁ ≤ 10 ⁹ Ohms R ₂ ≤ 10 ⁹ Ohms	–	–
	EN/IEC 61340-4-1 / 100 V EN/IEC 61340-4-5	–	–	R 5x10 ⁴ ≤ R ≤ 10 ⁹ Ohms ≤ 3,5x10 ⁷ Ohms	R ≤ 10 ⁹ Ohms	–	–
Underfloor heating		Suitable – max 27°C	Suitable – max 27°C	Suitable – max 27°C	Suitable – max 27°C	Suitable – max 27°C	Suitable – max 27°C
Light fastness	EN ISO 105-B02	Level 7	Level 7	Level 7	Level 7	Level 7	Level 7
Bacteria resistance	ISO 846:Part C	Does not favour growth	Does not favour growth	Does not favour growth	Does not favour growth	Does not favour growth	Does not favour growth
Colours		49 + 1 Multicolour* + 12 iQ Granit Micro	20	14	14	16	16

The above information is subject to modification for the benefit of further improvement (03/2015).

* iQ Granit Multicolour is not approved for use under the IMO directive.



Sweden, Tarkett AB, Box 4538, 191 24 Sollentuna • Telefon 0771-25 19 00 • Telefax 08-96 62 83 • info.se@tarkett.com • www.tarkett.se
 Denmark, Tarkett A/S, Industrivej 2, 2640 Hedehusene • Telefon 43 90 60 11 • Fax 43 90 37 00 • info.dk@tarkett.com • www.tarkett.dk
 Norway, Tarkett AS, Postboks 500 Brakerøya, 3002 Drammen • Telefon 32 20 92 00 • Telefax 32 20 92 01 • info.norway@tarkett.com • www.tarkett.no
 Finland, Tarkett Oy, Lars Sonckin kaari 16, 02600 Espoo • Puhelin 09 4257 9000 • Telefax 09 4257 9090 • info.fi@tarkett.com • www.tarkett.fi



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