

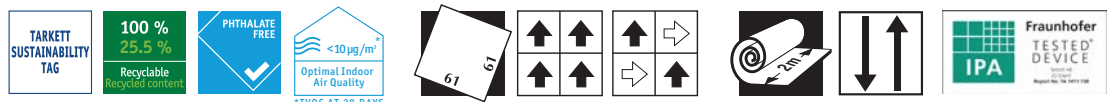
iQ GRANIT technical data

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	Homogeneous single layered vinyl flooring	-	Static conductive homogeneous vinyl flooring	Static dissipative homogeneous vinyl flooring	-	Homogeneous vinyl flooring with studded surface
	ISO 11638	-	Homogeneous vinyl flooring with foam interlayer	-	-	-	-
	EN 13845	-	-	-	-	Slip resistant homogeneous vinyl flooring.	-
Binder content	ISO 10581	Type I	-	Type I	Type I	-	Type I
	ISO 11638	-	Type II	-	-	-	-
Classification	ISO 10874	Commercial: 34 Industrial: 43	Commercial: 33 Industrial: 42	Commercial: 34 Industrial: 43	Commercial: 34 Industrial: 43	Commercial: 34 Industrial: 43	Commercial: 31 Industrial: -
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 XP™	-
Total thickness	ISO 24346	2.0 mm	4.0 mm	2.0 mm	2.0 mm	2.0 mm	2.5 mm
Wear layer thickness	ISO 24340	2.0 mm	1.5 mm	2.0 mm	2.0 mm	2.0 mm	2.0 mm
Total weight/m ²	ISO 23997	2800 g	3810 g	2950 g	2950 g	2950 g	3010 g
Form of delivery	ISO 24341 Sheet (rolls)	Approx. 25 lm x 200 cm Art. no. 3040 ___ 3 digit colour number	Approx. 23 lm x 200 cm Art. no. 3221 ___ 3 digit colour number	Approx. 23 lm x 200 cm Art. no. 3093 ___ 3 digit colour number	Approx. 23 lm x 200 cm Art. no. 3096 ___ 3 digit colour number	Approx. 25 lm x 200 cm Art. no. 3052 ___ 3 digit colour number	Approx. 25 lm x 200 cm Art. no. 3476 ___ 3 digit colour number
		Art. no. 3218 ___ (Multicolour) 3 digit colour number	-	-	-	-	-
		Art. no. 21050 ___ (iQ Granit Micro) 3 digit colour number	-	-	-	-	-
ISO 24342 Tiles (box)		61.0 x 61.0 cm 14 tiles/box = 5.21 m ² Art. no. 3243 ___ 3 digit colour number	-	61.0 x 61.0 cm 14 tiles/box = 5.21 m ² Art. no. 3094 ___ 3 digit colour number	61.0 x 61.0 cm 14 tiles/box = 5.21 m ² Art. no. 3097 ___ 3 digit colour number	-	-
		Art. no. 3044 ___ (Multicolour) 3 digit colour number	-	-	-	-	-
		Art. no. 21051 ___ (iQ Granit Micro) 3 digit 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 _f s1 ≥ 8 kW/m ² Pass	Class B _f s1 ≥ 8 kW/m ² Pass	Class B _f s1 ≥ 8 kW/m ² Pass	Class B _f s1 ≥ 8 kW/m ² Pass	Class B _f s1 ≥ 8 kW/m ² Pass	Class B _f 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	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
Residual indentation	ISO 24343-1	Required value: ≤ 0.10 mm Best measured value: 0.02 mm	Required value: ≤ 0.20 mm Best measured value: 0.13 mm	Required value: ≤ 0.10 mm Best measured value: 0.02 mm	Required value: ≤ 0.10 mm Best measured value: 0.02 mm	Required value: ≤ 0.10 mm Best measured value: 0.02 mm	Required value: ≤ 0.10 mm Best measured value: 0.02 mm
Castor chair test	ISO 4918	Suitable	Suitable	Suitable	Suitable	Suitable	-
Impact sound reduction	EN ISO 717/2	-	Approx. + 15 dB	-	-	-	-
Static electrical charge	EN 1815 On any surface with resistance ≤ 10 ⁹ Ω	< 2 kV	-	< 2 kV	< 2 kV	< 2 kV	< 2 kV
Electrical insulation	VDE 0100, Part 600	-	-	R ₁ ≤ 5x10 ⁶ Ohms	R ₁ ≥ 5x10 ⁶ Ohms	-	-
Electrical resistance	ESD-approval SP method 2472 EN 1081	-	-	R ≤ 10 ⁹ Ohms R ₁ 5x10 ⁴ ≤ R ≤ 10 ⁶ Ohms R ₂ 5x10 ⁴ ≤ R ≤ 10 ⁶ Ohms	R ≤ 10 ⁹ Ohms R ₁ ≤ 10 ⁹ Ohms R ₂ ≤ 10 ⁹ Ohms	-	-
	EN/IEC 61340-4- / 100 V EN/IEC 61340-5	-	-	R 5x10 ⁴ ≤ R ≤ 10 ⁶ 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 (05/2016).

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



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