



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 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. Type I.	-	Static conductive homogeneous vinyl flooring. Type I.	-	-	Homogeneous vinyl flooring with studded surface. Type I.
	ISO 10582	-	Homogeneous vinyl flooring with foam interlayer.	-	-	-	-
	ISO 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	2.800 g	3.810 g	2.950 g	2.950 g	2.950 g	3.010 g
Form of delivery	ISO 24341 - EN 426 Sheet (rolls)	Approx. 25 running metres x 200cm Art. no. 3040_... 3 digit colour number	Approx. 23 running metres x 200cm Art. no. 3221_... 3 digit colour number	Approx. 23 running metres x 200cm Art. no. 3093_... 3 digit colour number	Approx. 23 running metres x 200cm Art. no. 3096_... 3 digit colour number	Approx. 25 running metres x 200cm Art. no. 3052_... 3 digit colour number	Approx. 25 running metres x 200cm Art. no. 3476_... 3 digit colour number
		Art. no. 3218_... (Multicolour) 3 digit colour number	-	-	-	-	-
		Art. no. 21051_... (iQ Granit Micro) 3 digit 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 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 _s s1 ≥ 8 kW/m ² Pass	Class B _s s1 ≥ 8 kW/m ² Pass	Class B _s s1 ≥ 8 kW/m ² Pass	Class B _s s1 ≥ 8 kW/m ² Pass	Class B _s s1 ≥ 8 kW/m ² Pass	Class B _s 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 B (≥ 27°) ≥ 0.3 Low risk of slip
Wet room approval	EN 13553 Annex A	Watertight	-	-	-	Watertight	Watertight
Residual indentation	ISO 24343-1 - EN 433	Required value: ≤ 0.10 mm Average measured value: 0.02 mm	Required value: ≤ 0.10 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. +15dB	-	-	-	-
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 _i ≤ 5x10 ⁹ Ohms	R _i ≤ 5x10 ⁹ Ohms	-	-
Electrical resistance	ESD-approval SP method 2472 EN 1081	-	-	R ₁ ≤ 10 ⁹ Ohms R ₂ 5x10 ⁸ ≤ R ₂ ≤ 10 ⁹ Ohms R ₃ 5x10 ⁸ ≤ R ₃ ≤ 10 ⁹ Ohms	R ₁ ≤ 10 ⁹ Ohms R ₂ ≤ 10 ⁹ Ohms R ₃ ≤ 10 ⁹ Ohms	-	-
	EN/TEC 61340-4- / 100 V EN/TEC 61340-4-5	-	-	R ₁ 5x10 ⁸ ≤ R ₁ ≤ 10 ⁹ Ohms ≤ 3,5x10 ⁷ Ohms	R ₁ ≤ 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 (02/2015).

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

