

iQ OPTIMA TECHNICAL DATA

CLASSIFICATION	STANDARDS	iQ Optima	iQ Optima Acoustic	Optima Multisafe
Type of floorcovering	EN ISO 10581 - Compact	Homogeneous vinyl flooring	-	Homogeneous single layered vinyl flooring with studded surface
	EN ISO 11638 - Acoustic	-	Homogeneous vinyl flooring with foam interlayer	-
Classification	EN ISO 10874	Commercial: 34 Industrial: 43	Commercial: 34 Industrial: 42	Commercial: 31 -
Certification	EN 14041	Yes	Yes	Yes
CHARACTERISTICS	STANDARDS	iQ Optima	iQ Optima Acoustic	Optima Multisafe
Total thickness	EN ISO 24346	2.0 mm	3.7 mm	2.25 mm
Wear layer thickness	EN ISO 24340	2.0 mm	2.0 mm	2.0 mm
Total weight	EN ISO 23997	2 700 g/m ²	3 500 g/m ²	2 820 g/m ²
Binder content	EN ISO 10581 - Compact	Type I	-	Type I
	EN ISO 11638 - Acoustic	-	Type II	-
Surface treatment		New iQ PUR	New iQ PUR	-
Dimensions	EN ISO 24341 Sheet (roll)	iQ Optima Approx. 25 lm x 200 cm Art. no. 3242 ___ 3 digit colour number	Approx. 25 lm x 195 cm Art. no. 3076 ___ 3 digit colour number	Approx. 25 lm x 200 cm Art. no. 3240 ___ 3 digit colour number
		iQ Optima Essence Approx. 25 lm x 200 cm Art. no. 3077 ___ 3 digit colour number	-	-
	EN ISO 24342 Tile (box)	iQ Optima 61x61 cm - 14 tiles/box = 5.21 m ² Art. no. 3217 ___ 3 digit colour number	-	-
		iQ Optima Essence 61 x 61 cm - 14 tiles/box = 5.21 m ² Art. no. 3080 ___ 3 digit colour number	-	-
TECHNICAL PERFORMANCES	STANDARDS	iQ Optima	iQ Optima Acoustic	Optima Multisafe
Dimensional stability	EN ISO 23999	≤ 0.40 % for rolls ≤ 0.25 % for tiles	≤ 0.40 % -	≤ 0.40 % -
Curl resistance to heat	EN ISO 23999	No damage	No damage	No damage
Residual indentation	EN ISO 24343-1 requirement	≤ 0.10 mm	≤ 0.20 mm	≤ 0.10 mm
	Best measured value	0.02 mm	0.17 mm	0.02 mm
Impact sound reduction Acoustic improvement	EN ISO 717/2 NF S31-074	- -	Approx. + 17 dB L _{n,e,w} < 65 dB - Class A	- -
Effect of castor chair	ISO 4918 - EN 425	Suitable	Suitable	Suitable
Clean room test	ASTM F51/00	Class A	-	-
	ISO 14644-1	ISO class 4	-	-
Ease of decontamination	ISO 8690	Excellent	-	-
Color fastness to artificial light	EN ISO 105-B02, Method 3 ^a	≥ level 7	≥ level 7	≥ level 7
Total VOC emissions	ISO 16000-6	≤ 10 µg/m ³ (after 28 days)	≤ 10 µg/m ³ (after 28 days)	≤ 10 µg/m ³ (after 28 days)
Chemical resistance	EN ISO 26987	Excellent	Excellent	Excellent
Bacteria resistance	ISO 846 - Part C	Does not favour growth	Does not favour growth	Does not favour growth
DISCTINCTIVE FEATURES	STANDARDS	iQ Optima	iQ Optima Acoustic	Optima Multisafe
Reaction to fire	EN ISO 9239-1 EN ISO 13501-1 EN ISO 11925-2	≥ 8 kW/m ² Class B _{f1} s1 Pass	≥ 8 kW/m ² Class B _{f1} s1 Pass	≥ 8 kW/m ² Class B _{f1} s1 Pass
Static electrical charge	EN 1815	< 2 kV	-	< 2 kV
Slip resistance	DIN 51130	≥ 0.3	≥ 0.3	≥ 0.3
	EN 13893	R9	R9	R10
Barefoot test	DIN 51097	-	-	Class B (18°)
Seam strength	EN 684	Average value: ≥ 240 N/50 mm Individual values: ≥ 180 N/50 mm	Average value: ≥ 240 N/50 mm Individual values: ≥ 180 N/50 mm	Average value: ≥ 240 N/50 mm Individual values: ≥ 180 N/50 mm
Thermal conductivity	EN 12667	0.01 m ² K/W	-	0.01 m ² K/W
Underfloor heating		Suitable - max. 27°C	Suitable - max. 27°C	Suitable - max. 27°C
Colours		Original: 48 Mono: 10 / Essence: 6	20	9

The above information is subject to modifications for the benefit of further improvement. (10/16).

For more detailed technical information, please contact Tarkett.

CUSTOMS TARIFF : 48205000000F

TARKETT SUSTAINABILITY TAG

iQ Optima

100 %
Recyclable
25.5 %

PHthalate FREE

<10 µg/m³
Optimal Indoor Air Quality

iQ Optima 1.5 mm

100 %
Recyclable
25.5 %

PHthalate FREE

<10 µg/m³
Optimal Indoor Air Quality

iQ Optima Acoustic

100 %
Recyclable
29 %

PHthalate FREE


<10 µg/m³
Optimal Indoor Air Quality


Optima Multisafe

100 %
Recyclable
25.5 %

PHthalate FREE


<10 µg/m³
Optimal Indoor Air Quality






0019-0003-DoP-2013-07
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