

# iQ OPTIMA

## TECHNICAL DATA

CERTIFICATION & CLASSIFICATION	STANDARDS	iQ Optima	iQ Optima Acoustic	Optima Multisafe
<b>Type of floor covering</b>	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	-
<b>Binder content</b>	EN ISO 10581 - Compact	Type I	-	Type I
	EN ISO 11638 - Acoustic	-	Type II	-
<b>Classification</b>	ISO 10874	Commercial: 34 Industrial: 43	Commercial: 34 Industrial: 42	Commercial: 31 Industrial: -
<b>Certification</b>	EN 14041	Yes	Yes	Yes
TECHNICAL CHARACTERISTICS	STANDARDS	iQ Optima	iQ Optima Acoustic	Optima Multisafe
<b>iQ Surface treatment</b>		Yes	Yes	-
<b>Total thickness</b>	ISO 24346	2.0 mm	3.7 mm	2.25 mm
<b>Wear layer thickness</b>	EN ISO 24340	2.0 mm	2.0 mm	2.0 mm
<b>Total weight</b>	ISO 23997	2700 g/m <sup>2</sup>	3500 g/m <sup>2</sup>	2820 g/m <sup>2</sup>
<b>Form of delivery</b>	ISO 24341 Sheet (rolls)	<b>iQ Optima</b> Approx. 25 lm x 200 cm Art. no. 3242__ _3 digit colour colour number  <b>iQ Optima Essence</b> Approx. 25 lm x 200 cm Art. no. 3077__ _3 digit colour colour number	Approx. 25 lm x 195 cm Art. no. 3076__ _3 digit colour colour number	Approx. 25 lm x 200 cm Art. no. 3240__ _3 digit colour colour number
TECHNICAL PERFORMANCES	STANDARDS	iQ Optima	iQ Optima Acoustic	Optima Multisafe
<b>Dimensional stability</b>	EN ISO 23999	0.40 % for rolls 0.25 % for tiles	0.40 %	0.40 %
<b>Reaction to fire</b>	AS/ISO 9239.1 AS/NZ 3837 (wall)	Critical radiant flux 10.3 kW/m <sup>2</sup> Smoke 47% min	NA	Critical radiant flux 9.7kW/m <sup>2</sup> Smoke 82% min
<b>Residual indentation</b>	EN ISO 24343-1	Required value: ≤ 0.10 mm Best measured value: 0.02 mm	Required value: ≤ 0.20 mm Best measured value: 0.17 mm	Required value: ≤ 0.10 mm Best measured value: 0.02 mm
<b>Castor chair test</b>	ISO 4918 - EN 425	Suitable	Suitable	Suitable
<b>Static electrical discharge</b>	EN 1815	< 2 kV	< 2 kV	< 2 kV
<b>Clean room</b>	ASTM F51/00 ISO 14644-1	Class A ISO class 4	-	-
<b>Total VOC emissions</b>	ISO 16000-6	≤ 10 µg/m <sup>3</sup> (after 28 days)	≤ 10 µg/m <sup>3</sup> (after 28 days)	≤ 10 µg/m <sup>3</sup> (after 28 days)
<b>Underfloor heating</b>		Suitable – max 27°C	Suitable – max 27°C	Suitable – max 27°C
<b>Light fastness</b>	EN ISO 105-B02, Method 3a	≥ level 7	≥ level 7	≥ level 7
<b>Ease of decontamination</b>	ISO 8690 – DIN 25415	Excellent	-	-
<b>Chemical resistance</b>	ISO 26987	Excellent	Excellent	Excellent
<b>Bacteria resistance</b>	ISO 846 - Part C	Does not favour growth	Does not favour growth	Does not favour growth
<b>Slip resistance</b>	DIN 51130 AS 4586	R10 P4	R9	R10
<b>Curl resistance to heat</b>	EN ISO 23999	No damage	No damage	No damage
<b>Impact sound reduction Acoustic improvement</b>	EN ISO 717/2 NF S31-074	-	Approx. + 17 dB L <sub>new</sub> < 65 dB - Class A	-
<b>Barefoot test</b>	DIN 51097	-	-	Class B (18°)
<b>Seam strength</b>	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
<b>Thermal conductivity</b>	EN 12667	0.01 m <sup>2</sup> K/W	-	0.01 m <sup>2</sup> K/W
<b>Colours</b>		Original: 48 Mono: 10 / Essence: 6	20	9

The above information is subject to modification for the benefit of further improvement. (01/17).

CUSTOMS TARIFF : 482050000000F

Tarkett's instructions regarding installation, cleaning and maintenance should be observed. Please contact Tarkett at the address shown for these instructions.

