

HOMOGENEOUS
COMPACT VINYL

iQ Optima



CERTIFICATION & CLASSIFICATION	STANDARDS	iQ Optima
Type of floor covering	EN 649	Homogeneous vinyl flooring
CE certification	EN 14041	Yes
Classification	EN 685	Commercial: 34 Industrial: 43
ISO certification		Ronneby ISO 9001/Ronneby ISO 14001
TECHNICAL CHARACTERISTICS	STANDARDS	iQ Optima
Wear layer thickness	EN 429	2.0 mm
iQ PUR		Yes
Total thickness	EN 428	2.0 mm
Total weight/m²	EN 430	2800 g
Form of delivery iQ Optima	EN 426 Sheet (rolls)	Approx. 25 running metres x 200 cm Art. no. 3242_ _ _ 3 digit colour colour number
	EN 427 Tiles (box)	61.0 x 61.0 cm – 14 tiles/box = 5.21 m ² Art. no. 3217_ _ _ 3 digit colour colour number
Form of delivery iQ Optima Essence	EN 426 Sheet (rolls)	Approx. 25 running metres x 200 cm Art. no. 3077_ _ _ 3 digit colour colour number All over emboss Approx. 25 running metres x 200 cm Art. no. 3078_ _ _ 3 digit colour colour number Plank emboss Approx. 25 running metres x 200 cm Art. no. 3079_ _ _ 3 digit colour colour number
	EN 427 Tiles (box)	61.0 x 61.0 cm – 14 tiles/box = 5.21 m ² Art. no. 3080_ _ _ 3 digit colour colour number Decorplanks with embossing 71.16 x 10.16 cm – 28 tiles/box = 2.02 m ² Art. no. 3082_ _ _ 3 digit colour colour number
TECHNICAL PERFORMANCES	STANDARDS	iQ Optima
Dimensional stability	EN 434	≤ 0.40 % for rolls ≤ 0.25 % for tiles
Reaction to fire	EN 13501-1 EN ISO 9239-1 EN ISO 11925-2	Class B _{fl} s1 ≥ 8 kW/m ² Pass
Abrasion Volume loss	EN 660: Part 2	Group T: ≤ 2.0 mm ³
Residual indentation	EN 433	Approx. 0.02 mm
Castor chair test	EN 425	Suitable
Static electrical discharge	EN 1815	< 2 kV
Clean room	ASTM F24 F51 ISO 14644-1	Class A ISO class 4

Ease of decontamination	ISO 8690	Good
Total VOC emissions	AgBB/DIBt	≤ 10 µg/m ³ (after 28 days)
Underfloor heating		Suitable – max 27°C
Thermal resistance	EN 12667	Approx. 0.01 m ² K/W
Light fastness	EN ISO 105-B02	≥ level 6
Chemical resistance	EN 423	Good resistance
Bacteria resistance	ISO 846:Part C	Does not favour growth
Slip resistance	DIN 51130 EN 13896	R9 ≥ 0.3
Seam strength	EN 684	Average value: ≥ 240 N/50 mm Individual values: ≥ 180 N/50 mm
Colours		
iQ Optima		51
iQ Optima Essence		13

The above information is subject to modification for the benefit of further improvement (01/12).