

HOMOGENEOUS  
COMPACT VINYL

# iQ Optima 1.5 mm



CERTIFICATION & CLASSIFICATION	STANDARDS	iQ Optima 1.5 mm
<b>Type of floor covering</b>	EN 649	Homogeneous vinyl flooring
<b>CE certification</b>	EN 14041	Yes
<b>Classification</b>	EN 685	Commercial: 32 Industrial: 41
<b>ISO certification</b>		Ronneby ISO 9001/Ronneby ISO 14001
TECHNICAL CHARACTERISTICS	STANDARDS	iQ Optima 1.5 mm
<b>Wear layer thickness</b>	EN 429	1.5 mm
<b>iQ PUR</b>		Yes
<b>Total thickness</b>	EN 428	1.5 mm
<b>Total weight/m<sup>2</sup></b>	EN 430	2100 g
<b>Form of delivery</b>	EN 426 Sheet (rolls)	Approx. 30 running metres x 200 cm Art. no. 3247_ _ _ 3 digit colour colour number
TECHNICAL PERFORMANCES	STANDARDS	iQ Optima 1.5 mm
<b>Dimensional stability</b>	EN 434	≤ 0.40 %
<b>Reaction to fire</b>	EN 13501-1 EN ISO 9239-1 EN ISO 11925-2	Class B <sub>fl</sub> s1 ≥ 8 kW/m <sup>2</sup> Pass
<b>Abrasion</b>		
<b>Volume loss</b>	EN 660: Part 2	Group T: ≤ 2.0 mm <sup>3</sup>
<b>Residual indentation</b>	EN 433	Approx. 0.02 mm
<b>Castor chair test</b>	EN 425	Suitable
<b>Static electrical discharge</b>	EN 1815	< 2 kV
<b>Clean room</b>	ASTM F24 F51	Class A
<b>Particle emission</b>	ISO 14644-1	ISO class 4
<b>Ease of decontamination</b>	ISO 8690	Good
<b>Total VOC emissions</b>	AgBB/DIBt	≤ 10 µg/m <sup>3</sup> (after 28 days)
<b>Underfloor heating</b>		Suitable – max 27°C
<b>Light fastness</b>	EN ISO 105-B02	≥ level 6
<b>Chemical resistance</b>	EN 423	Good resistance
<b>Bacteria resistance</b>	ISO 846:Part C	Does not favour growth
<b>Slip resistance</b>	DIN 51130 EN 13896	R9 ≥ 0.3
<b>Seam strength</b>	EN 684	Average value: ≥ 240 N/50 mm Individual values: ≥ 180 N/50 mm
<b>Colours</b>		10

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