

BOLON FLOORING

DIVERSITY

TECHNICAL SPECIFICATION

Woven vinyl flooring, product standard EN 1307.

INCLUDED IN EN 1307			ROLLS	TILES	ACOUSTIC FELT
	Use classification	ISO 10874	33 Heavy Commercial	33 Heavy Commercial	33 Heavy Commercial
	Weight	ISO 8543	3,0 kg/m ²	4,0 kg/m ²	3,5 kg/m ²
	Thickness	ISO 1765	2,5 mm	3,0 mm	5,2 mm
	Roll dimension	EN 426	2000 mm, 25 m		
	Tile dimension	EN 994		500 x 500 mm. 20 pcs/box, 5 sqm	500 x 500 mm. 12 pcs/box, 3 sqm
	Castor Chair	EN 985	Intensive use	Intensive use	Intensive use
	Body Voltage	EN 1815**	Fulfilled	Fulfilled	Fulfilled
	Thermal resistance	ISO 8302	Suitable for underfloor heating	Suitable for underfloor heating	Suitable for underfloor heating
	Impact sound insulation*	EN ISO 10140	12 dB	14 dB	21 dB
	Airborne sound absorption*	EN ISO 354 α_w	0,05	0,05	0,15
	Airborne sound absorption*	EN ISO 354 α_s	250 Hz 0,01 500 Hz 0,01 1000 Hz 0,05 2000 Hz 0,09	250 Hz 0,01 500 Hz 0,01 1000 Hz 0,05 2000 Hz 0,09	250 Hz 0,01 500 Hz 0,19 1000 Hz 0,12 2000 Hz 0,09
	Colour fastness to light*	EN ISO 105-B02	> 7	> 7	> 7
	Dimension stability	ISO 2551 EN 986	Fulfilled	Fulfilled	Fulfilled
ADDITIONAL TESTS					
	Anti slip property	DIN 51130	R9	R9	R9
	Friction	EN 13893	> 0,3	> 0,3	> 0,3
	Pendulum	EN 13036-4	94-95	94-95	94-95
	Reaction to fire	EN 13501-1	B _{fl} -s1	B _{fl} -s1	B _{fl} -s1
	Critical radiant flux	ASTM E 648	Class 1	Class 1	Class 1
	Smoke density	ASTM E 662	< 450	< 450	< 450

* Typical value

** EN 1815 replaces ISO 6356

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CERTIFICATES AND SUSTAINABILITY

For complete information and market specific certificate, visit bolon.com or contact customer service.

SUSTAINABILITY		ROLLS	TILES	ACOUSTIC FELT
Recycled content	ISO 14021	18% Pre-consumer material	24% Pre-consumer material	15% Pre-consumer material 12% Post-consumer material
Carbon footprint CO ₂ e/m ²	EN 15804 (A1-A3)	5,74	8,25	<i>Under calculation</i>

CERTIFICATES

CE		419005	419005	419013
Emissions		M1, Floorscore, VOC A+	M1, Floorscore, VOC A+	M1, Floorscore, VOC A+
Raw material		Best Practice PVC	Best Practice PVC	Best Practice PVC
LCA		EPD, GreenTag	EPD, GreenTag	<i>Under calculation</i>
Content/chemicals		GreenTagPHD, Follows req. of BASTA	GreenTagPHD, Follows req. of BASTA	GreenTagPHD, Follows req. of BASTA

REGISTERED/LISTED

BASTA	Yes	Yes	Yes
BRE Global Listed	Yes	Yes	<i>Under calculation</i>
Byggsvarubedömningen	Yes	Yes	Yes
DGNB navigator	Yes	Yes	-
eBVD	Yes	Yes	Yes
ECOproduct	Yes	Yes	-
GBR kretsloppsmärkning	Yes	Yes	Yes
SundaHus	Yes	Yes	Yes



STANDARD
ISO 14001



THE NORWEGIAN
ASTHMA AND ALLERGY
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BOLON

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