
















# PRODUCT SPECIFICATION

## BOLON FLOORING – BOTANIC

Woven vinyl flooring, product standard EN 1307.

GENERAL INFORMATION			ROLLS	TILES	ACOUSTIC ROLLS	ACOUSTIC TILES
	<b>Use classification</b>	EN 1307	32 General	32 General	32 General	32 General
	<b>Weight</b>	ISO 8543	0.59 lb/ sqft (2.9 kg/ m <sup>2</sup> )	0.80 lb/ sqft (3.9 kg/ m <sup>2</sup> )	0.68 lb/ sqft (3.3 kg/ m <sup>2</sup> )	0.72 lb/ sqft (3.5 kg/ m <sup>2</sup> )
	<b>Thickness</b>	ISO 1765	0.09" (2.3 mm)	0.11" (2.9 mm)	0.17" (4.3 mm)	0.17" (4.4 mm)
	<b>Roll dimension</b>	ISO 24341	6'7" x 82' (2 x 25 m)		6'7" x 82' (2 x 25 m)	
	<b>Tile dimension</b>	EN ISO 24342	19.7" x 19.7" (500 x 500 mm)		19.7" x 19.7" (500 x 500 mm)	
	<b>Recycled content</b>	ISO 14021	66%	72%	67%	67%
<b>DURABILITY</b>						
	<b>Castor chair</b>	EN 985	Continuous use	Continuous use	Continuous use	Continuous use
	<b>Color fastness to light</b>	EN ISO 105-B02	>7	>7	>7	>7
	<b>Dimension stability</b>	ISO 2551 EN 986	Fulfilled	Fulfilled	Fulfilled	Fulfilled
<b>ACOUSTIC</b>						
	<b>Impact sound insulation</b>	EN ISO 10140	12 dB	13 dB	19 dB	19 dB
	<b>Airborne sound absorption</b>	EN ISO 354 $\alpha_w$	0.05	0.05	0.15	0.15
	<b>Airborne sound absorption</b>	EN ISO 354 $\alpha_s$	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 0.02 500 Hz 0.10 1000 Hz 0.09 2000 Hz 0.05	250 Hz 0.02 500 Hz 0.10 1000 Hz 0.09 2000 Hz 0.05
<b>ADDITIONAL PROPERTIES</b>						
	<b>Anti slip property</b>	DIN 51130	R10	R10	R10	R10
	<b>Pendulum</b>	EN 13036-4	105-110	105-110	94-102	94-102
	<b>Dynamic coefficient of friction</b>	EN 13893	>0.3	>0.3	>0.3	>0.3
	<b>Body voltage</b>	EN 1815*	Fulfilled	Fulfilled	Pending	Pending
	<b>Thermal resistance</b>	ISO 8302/ EN 12667	Suitable for underfloor heating	Suitable for underfloor heating	Suitable for underfloor heating	Suitable for underfloor heating
<b>FIRE PROPERTIES</b>						
	<b>Reaction to fire</b>	EN 13501-1	B <sub>f1</sub> -s1	B <sub>f1</sub> -s1	B <sub>f1</sub> -s1	B <sub>f1</sub> -s1
	<b>Critical radiant flux</b>	ASTM E 648	Class 1	Class 1	Class 1	Class 1
	<b>Smoke density</b>	ASTM E 662	<450	<450	<450	<450



\* Typical value

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### Certificates

For complete information and market specific certificate, visit [bolon.com](http://bolon.com) or contact [bolon@mattersurfaces.com](mailto:bolon@mattersurfaces.com)

		ROLLS	TILES	ACOUSTIC ROLLS	ACOUSTIC TILES
	EN 14041:2004 and EN 14041:2004/AC:2006	0402-CPR-419004	0402-CPR-419004	0402-CPR-419013	0402-CPR-419013
	EN 14041:2004/AC:2006	0086 CPR 770085	0086 CPR 770085	0086 CPR 770147	0086 CPR 770147
<b>LIFE CYCLE PERSPECTIVE</b>					
EPD	ISO 14025 and EN 15804	EPD-IES-0003839:002	EPD-IES-0003985:002	Pending	EPD-IES-0003986:002
Embodied Carbon	EPD module A1-A3	4.18 kg CO <sub>2</sub> eq.	4.57 kg CO <sub>2</sub> eq.	Pending	4.98 kg CO <sub>2</sub> eq.
DGNB Navigator		Yes	Yes	Pending	Yes
GreenTag - GreenRate		Yes	Yes	Pending	No
<b>INDOOR AIR</b>					
M1		Yes	Yes	Pending	Yes
FloorScore		Yes	Yes	Yes	Yes
French VOC		Yes	Yes	Yes	Yes
Recommended by NAAF		Yes	Yes	Yes	Yes
<b>PRODUCT AND RAW MATERIAL</b>					
BASTA		Yes	Yes	Yes	Yes
Byggsvarubedömningen		Yes	Yes	Yes	Yes
ECOproduct		Yes	Yes	Pending	Yes
eBVD		Yes	Yes	Yes	Yes
GBR kretsloppsmärkning		Yes	Yes	Yes	Yes
Best Practice PVC		Yes	Yes	Yes	Yes
GreenTag - PHD		Yes	Yes	Pending	Yes
Declare		Yes	Yes	Pending	Yes



# BOLON

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