
















PRODUCT SPECIFICATION

BOLON FLOORING – SILENCE

Woven vinyl flooring, product standard EN 1307.

GENERAL INFORMATION			ROLLS	TILES	ACOUSTIC ROLLS	ACOUSTIC TILES
	Use classification	EN 1307	33 Heavy	33 Heavy	33 Heavy	33 Heavy
	Weight	ISO 8543	0.61 lb/ sqft (3.0 kg/ m ²)	0.82 lb/ sqft (4.0 kg/ m ²)	0.70 lb/ sqft (3.4 kg/ m ²)	0.76 lb/ sqft (3.7 kg/ m ²)
	Thickness	ISO 1765	0.10" (2.5 mm)	0.12" (3.0 mm)	0.18" (4.6 mm)	0.19" (4.7 mm)
	Roll dimension	ISO 24341	6'7" x 82' (2 x 25 m)		6'7" x 82' (2 x 25 m)	
	Tile dimension	EN ISO 24342	19.7" x 19.7" (500 x 500 mm)		19.7" x 19.7" (500 x 500 mm)	
	Recycled content	ISO 14021	66%	72%	67%	67%
DURABILITY						
	Castor chair	EN 985	Continuous use	Continuous use	Continuous use	Continuous use
	Color fastness to light	EN ISO 105-B02	>7	>7	>7	>7
	Dimension stability	ISO 2551 EN 986	Fulfilled	Fulfilled	Fulfilled	Fulfilled
ACOUSTIC						
	Impact sound insulation	EN ISO 10140	12 dB	13 dB	19 dB	19 dB
	Airborne sound absorption	EN ISO 354 α_w	0.05	0.05	Pending	Pending
	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 0.14 1000 Hz 0.07 2000 Hz 0.06	250 Hz 0.01 500 Hz 0.14 1000 Hz 0.07 2000 Hz 0.06
ADDITIONAL PROPERTIES						
	Anti slip property	DIN 51130	R9	R9	R9	R9
	Pendulum	EN 13036-4	94-95	94-95	91-100	91-100
	Dynamic coefficient of friction	EN 13893	>0.3	>0.3	>0.3	>0.3
	Body voltage	EN 1815*	Fulfilled	Fulfilled	Pending	Pending
	Thermal resistance	ISO 8302/ EN 12667	Suitable for underfloor heating	Suitable for underfloor heating	Suitable for underfloor heating	Suitable for underfloor heating
FIRE PROPERTIES						
	Reaction to fire	EN 13501-1	B _{f1} -s1	B _{f1} -s1	B _{f1} -s1	B _{f1} -s1
	Critical radiant flux	ASTM E 648	Class 1	Class 1	Class 1	Class 1
	Smoke density	ASTM E 662	<450	<450	<450	<450



* Typical value

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Certificates

For complete information and market specific certificate, visit bolon.com or contact bolon@mattersurfaces.com

		ROLLS	TILES	ACOUSTIC ROLLS	ACOUSTIC TILES
	EN 14041:2004 and EN 14041:2004/AC:2006	0402-CPR-419005	0402-CPR-419005	0402-CPR-419013	0402-CPR-419013
	EN 14041:2004/AC:2006	0086 CPR 770145	0086 CPR 770145	0086 CPR 770147	0086 CPR 770147
LIFE CYCLE PERSPECTIVE					
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 ₂ eq.	4.57 kg CO ₂ eq.	Pending	4.98 kg CO ₂ eq.
DGNB Navigator		Yes	Yes	Pending	Yes
GreenTag - GreenRate		Yes	Yes	Pending	No
INDOOR AIR					
M1		Yes	Yes	Pending	Yes
FloorScore		Yes	Yes	Yes	Yes
French VOC		Yes	Yes	Yes	Yes
Recommended by NAAF		Yes	Yes	Yes	Yes
PRODUCT AND RAW MATERIAL					
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



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