














# ACOUSTIC FLOORING FELT

## 50 x 50 TILES TECHNICAL INFORMATION

	Use classification	ISO 10874	33 Heavy commercial	32 General commercial
	Weight	ISO 8543	3,3-3,5 kg/m <sup>2</sup>	3,3-3,5 kg/m <sup>2</sup>
	Thickness	ISO 1765	5,0-5,2 mm	5,1 mm
	Tile dimension	EN 994	500 x 500 mm, 12 pcs/box	500 x 500 mm, 12 pcs/box
	Impact sound insulation*	EN ISO 10140	21 dB	22 dB
	Castor Chair	EN 985	Intensive use	Intensive use
	Body Voltage	EN 1815**	Fulfilled	Fulfilled
	Thermal resistance	ISO 8302	Suitable for underfloor heating	Suitable for underfloor heating
	Airborne sound absorption*	EN ISO 354	0,15	0,15
	Colour fastness to light*	EN ISO 105-B02	8	8
	Dimension stability	EN 986	Fulfilled	Fulfilled
	Anti slip property	DIN 51130	R9	R10
	Dynamic coefficient of friction	EN 13893	> 0,3	> 0,3
	Reaction to fire	EN 13501-1	B <sub>fl</sub> -s1	B <sub>fl</sub> -s1
	Critical radiant flux	ASTM E 648	Class 1	Class 1
	Smoke density	ASTM E 662	< 450	< 450

LIFE CYCLE ANALYSIS  
FOR RAW MATERIALS



INDOOR AIR



OTHER



Collections 33 Heavy commercial: Graphic, Silence, Diversity, Create, Artisan, Elements, Bolon By You, Bolon By Jean Nouvel Design, Missoni Home

Collections 32 General commercial: Botanic, Ethnic, Bkb, Now, Flow

\* Typical value

\*\* EN 1815 replaces ISO 6356

Some of the collections are design protected.

# ENVIRONMENTAL PERFORMANCE

## 50x50 TILES – ACOUSTIC FLOORING WITH FELT BACKING

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### MATERIAL

Environmental labelled PVC (Best Practice PVC)

13,8 % pre consumer recycled material

12,6 % post consumer recycled material

26,4 % recycled material in total product

### CLIMATE

The final product is produced with 100% renewable energy, which means that the production is climate neutral.

Procurement of raw material from the most energy efficient producers

### CHEMICALS

Free from phthalates and heavy metals

### CERTIFICATE

Se certification matrix

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	<u>WEIGHT (G/M<sup>2</sup>)</u>	<u>% RECYCLED</u>	<u>RECYCLED (G/M<sup>2</sup>)</u>	<u>PRE/POST RECYCLED IN TOTAL PRODUCT</u>
PVC flooring	2900	16%	464	13,8% pre consumer
Felt	470	90%	423	12,6% post consumer
Acoustic flooring felt-Tiles	3370	26,4%	887	26,4 % in total

# BOLON

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# DECLARATION OF CONTENT

## BOLON FLOORING ACOUSTIC FELT

### COMPOSITION

<u>COMPONENT</u>	<u>SPECIFICATION</u>	<u>CAS NO</u>	<u>ACOUSTIC FELT WEIGHT %</u>
Filler	Myanit A-16/A-20 (Dolomite)	16389-88-1	25 - 50
Filler	Calcium carbonate	471-34-1	2,5 - 10
Polymer	Polyvinylchloride	9002-86-2	25 - 50
Polymer	EVA	24937-78-8	≤1
Plasticizer	Alkylsulfonsyrafenyl-ester	91082-17-6	10 - 25
Stabilizer	Epoxidized soybean oil	8013-07-8	≤1
Stabilizer	Calcium/Zink	-	≤1
Reinforcement	Polyester	25038-59-9	10 - 25
Reinforcement	Fiber glas	65997-17-3	1 - 2,5
Pigments	Titanium dioxide	13463-67-7	≤1
Pigments	Others	-	≤1

### HAZARDS IDENTIFICATIONS

No specific hazards for normal handling or use. According to EU directive is this product not classified as a "hazardous substance" and fulfill REACH legislation.

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