


wineo insulation mat Sound-Protect Eco SD **wineo**

Description	
The patented acoustic system, "Sound Protect Eco SD" has been specially designed for floating installation under wineo laminate and Multi-Layer products. The high quality "Sound Protect Eco SD" footfall and impact noise system is made of up to 90 % natural raw materials and is supplied conveniently on a roll.	
Product composition:	

Technical details

Dimensions:		
Thickness	2.00 mm	(± 0.15 mm)
Weight/m ²	1.70 kg/m ²	(± 0.15 kg/m ²)
Roll	8.00 x 1.00 m = 8 m ²	(length ± 15.00 mm / width ± 1.00 mm)
Weight/roll	approx. 14 kg/roll	
Package / Form of delivery:		
Pallet	40 rolls = approx. 320 m ² Rolls on tube in wrap foil, with installation instruction	
Underfloor heating	Suitable for installation on warm water underfloor heating	
Thermal resistance	R (DIN CEN/TS 16354)	0.01 (m ² K)W The max. R in the overall system can be 0.15 (m ² K)W
Water vapor diffusion (WWTv)	S _D (DIN CEN/TS 16354)	> 75 m
Impact Sound	IS (DIN EN 10140)	> 19 dB (Measured under norm laminate EPLF, 7 mm)
Reflected walking sound	RWS (EPLF norm WD 021029-5)	approx. 28 % (Measured under norm laminate EPLF, 7 mm)
Reaction to fire	RTF (DIN 13501-1)	B _{f1} -s1 (excluding covering)
Compressive strength	CS (DIN CEN/TS 16354)	up to 22 t/m ² (~ 220 kPa)
Compressive creep	CC (DIN CEN/TS 16354)	~ 44 kPa
Dynamic load	DL (DIN CEN/TS 16354)	> 100.000 cycles
Resistance to large ball	RLB (DIN CEN/TS 16354)	~ 750 mm (Measured under norm laminate EPLF, 7 mm)
Punctual conformability	PC (DIN CEN/TS 16354)	~ 1.12 mm

Characteristics / Information

Fields of application	Room sound reduction and footfall noise reduction under hard floors. Suitable especially for click-systems.
Fields of use	New development and modernization
Environment / Disposal	
Responsibility / Compatibility	wineo Sound Protect Eco SD is FREE of plasticisers, asbestos, formaldehyde, halogens and heavy metals and meets the VOC guidelines for classifications A+, Blue Angel and the AgBB scheme.
Ecology	Production is done without using substances that damage the ozone layer. The mat is free of solvents. The renewable raw materials used for the product do not compete with food crops.
Occupational safety and environmental protection	The product does not require any special occupational safety measures. When installing the floor coverings, it is <u>essential</u> to comply with the manufacturer's protection specifications.
Waste disposal	Landfill and waste incineration site
Waste disposal code	No. 170604

Installation

Sound Protect Eco SD is installed at right angles to the installation direction of the surface covering and cut to size. Easy and dust-free cutting with a universal or cutter knife. Install with the nonwoven site facing down and the film side facing up towards the surface covering. Adjoining edges must be laid close together. Stick down the edges of the mats with combination sealing tape. Only suitable for floating installation.

Note:
The information above is based on the current state of knowledge and technical development. We make no claim as to the completeness of the information. Windmüller flooring products GmbH reserves the right to make technical changes.