

wineo insulation mat Sound-Protect Eco

wineo

Description

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



Product composition:

Resilient underlay material consisting of mineral fillers and polyurethane binding agents. The "Sound Protect Eco" system consists of a PET carrier film, an ageing resistant heavy layer of polyurethane and a high quality nonwoven backing (in white).

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
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Underfloor heating Ideal for use on warm water underfloor heating

Thermal resistance R (DIN CEN/TS 16354) 0.01 (m²K)W
The max. R in the overall system can be 0.15 (m²K)W

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) E_{fl} (excluding covering)

Compressive strength CS (DIN CEN/TS 16354) up to 22 t/m² (~ 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 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 essential to comply with the manufacturer's protection specifications.

Waste disposal Landfill and waste incineration site

Waste disposal code No. 170604

Installation

Sound Protect Eco 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.