

## TECHNICAL CHARACTERISTICS

### wineo soundPROTECT PU underlay for laminate flooring

# wineo



Product thickness	2.00 mm (± 0.15 mm)
Format	Length: 8.00 m Width: 1.00 m (± 15.00 mm) (± 1.00 mm)
Weight	1.7 kg/m <sup>2</sup> (± 0.15 kg/m <sup>2</sup> )
Roll / m <sup>2</sup>	1 / 8 m <sup>2</sup>
Rolls / m <sup>2</sup> per pallet	40 / 320 m <sup>2</sup>

#### Technical details

RWS	Reflected walking sound	up to 28 % (± 2 %)	Windmüller factory rating, int. (form. EPLF standard WD 021029-5) Measured under: norm laminate EPLF, 7 mm
IS	Impact sound	up to 18 dB (± 2 dB)	DIN EN 16251-1 Measured under: norm laminate EPLF, 7 mm
R	Thermal resistance	0.01 m <sup>2</sup> K/W	DIN EN 16354:2019-01 (suit. for water underfloor heatings) The max. R in the overall system can be 0.15 m <sup>2</sup> K/W
S <sub>D</sub>	Water vapor diffusion	n.a.	DIN EN 16354:2019-01
RI	Residual indentation	n.a.	DIN EN ISO 24343-1
CS	Compressive strength	up to 22 t/m <sup>2</sup> (~ 220 kPa)	acc. to DIN EN 826 (250 Pa 0.5 mm)
CC	Compressive creep	~ 44 kPa	DIN EN 16354:2019-01
DL	Dynamic load	> 2,500,000 cycles	DIN EN 16354:2019-01
RLB	Resistance to large ball	~ 750 mm	DIN EN 16354:2019-01 Measured under: norm laminate EPLF, 7 mm
PC	Punctual conformability	~ 1.12 mm	DIN EN 16354:2019-01
RTF	Reaction to fire	Bfl-s1	DIN EN 13501-1 (excluding covering)

Product description	The patented "soundPROTECT" acoustic system was designed specifically for the floating installation under wineo laminate flooring. As a high-class system for reducing impact sound and walking noise, "soundPROTECT" consists of up to 90% naturally occurring raw materials and is supplied in rolls for convenience.
Product composition	Permanently elastic underlay material made of mineral fillers and polyurethane binders. "soundPROTECT" consists of a transparent PET foil (with Inkjet Wineo print), a heavy-duty polyurethane layer as well as a high-class fleece side (in White).
Taking responsibility	wineo soundPROTECT is FREE from plasticizers, solvents, asbestos, formaldehyde, halogens and heavy metals. It complies with French afsset A+ guidelines on VOC's, the Blue Angel eco label and the German AgBB scheme.
Ecological aspects	The product is solvent-free and does not contain any other ozone-depleting substances. The renewable resources used in the product do not compete with food crops (during growth).
Health and safety	The product does not require any special health and safety measures to be taken. When laying flooring, it is <u>essential</u> to adhere to the manufacturer's advice on protection.
Processing	The approval of the flooring and adhesive manufacturers <u>must</u> be obtained prior to install the product in any way. For further information about processing, please refer to the relevant <u>manufacturer guidelines on installation</u> .
Installation reference	wineo soundPROTECT 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.  The final product installation must be checked and approved for any flooring system individually. The installation guidelines must be declared by the respective distributor.  The use of low-emission building products is recommended - e. g. products bearing the Blue Angel. This product can be recycled in accordance with EAK-no. 170604 and may be disposed of as household waste.



#### Note:

The information above is based on current knowledge and the latest technical developments. We make no claim as to the completeness of information. Windmüller GmbH reserves the right to make technical changes.