


# TECHNICAL CHARACTERISTICS

## wineo silentPLUS PU underlay for PURLINE organic flooring & Design flooring

# wineo

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

Technical details			
RWS	Reflected walking sound	up to 6 % (± 2 %)	Windmüller factory rating, int. (form. EPLF WD 021029-5) Measured under: wineo DB 2 mm
IS	Impact sound	up to 17 dB (± 2 dB)	DIN EN 16251-1 Measured under: wineo DB 2 mm
R	Thermal resistance	0.01 m <sup>2</sup> K/W	DIN EN 16354:2019-01 (suit. for water underfloor heatings)
S <sub>D</sub>	Water vapor diffusion	n.a.	DIN EN 16354:2019-01
RI	Residual indentation	< 0.35 mm	DIN EN ISO 24343-1
CS	Compressive strength	up to 17 t/m <sup>2</sup> (~ 170 kPa)	acc. to DIN EN 826 (250 Pa, 0.5 mm)
CC	Compressive creep	~ 56 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	~ 1.27 mm	DIN EN 16354:2019-01
RTF	Reaction to fire	Bfl-s1	DIN EN 13501-1 ( <b>excluding covering</b> )

Product description	The patented "silentPLUS" acoustic system was designed specifically for full-faced adhesion under design floors (planks). As a high-class system for reducing impact sound and walking noise, "silentPLUS" 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. "silentPLUS" consists of a special load spreading glass-fibre fleece, a heavy-duty polyurethane layer as well as a self-adhesive fixation surface (with removable protection film).
Taking responsibility	wineo silentPLUS is FREE from plasticizers, asbestos, formaldehyde, halogens and heavy metals.
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	Easy cutting using an utility or craft knife. Lay the adhesive side (without protection film) down as well as the glass-fibre fleece side up towards the surface covering. 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.



[www.blauer-engel.de/uz156](http://www.blauer-engel.de/uz156)



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### 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.