

TECHNICAL CHARACTERISTICS

wineo silentCOMFORT PU underlay for PURLINE organic flooring & Design flooring for clicking in

W1ne0



Product thickness	1.50 mm (\pm 0.15 mm)	
Format	Length: 10.00 m (\pm 15.00 mm) Width: 1.00 m (\pm 1.00 mm)	
Weight	1.5 kg/m ² (\pm 0.15 kg/m ²)	
Roll / m ²	1 / 10 m ²	
Rolls / m ² per pallet	40 / 400 m ²	

Technical details

RWS	Reflected walking sound	up to 6 % (\pm 2 %)	Windmöller factory rating, int. (form EPLF WD 021029-5) Measured under: wineo DLC 5 mm; PLC
IS	Impact sound	up to 16 dB (\pm 2 dB)	DIN EN 16251-1 Measured under: wineo DLC 5 mm; PLC
R	Thermal resistance	0.01 m ² K/W	DIN EN 16354:2019-01 (suit. for water underfloor heatings)
S _D	Water vapor diffusion	n.a.	DIN EN 16354:2019-01
RI	Residual indentation	< 0.10 mm	DIN EN ISO 24343-1 Measured under: wineo DLC 5 mm
CS	Compressive strength	> 60 t/m ² (~ 600 kPa)	acc. to DIN EN 826 (250 Pa 0.5 mm)
CC	Compressive creep	> 95 kPa	DIN EN 16354:2019-01
DL	Dynamic load	> 3,000,000 cycles	DIN EN 16354:2019-01
RLB	Resistance to large ball	~ 650 mm	DIN EN 16354:2019-01 Measured under: norm laminate EPLF, 7 mm
PC	Punctual conformability	~ 0.65 mm	DIN EN 16354:2019-01
RTF	Reaction to fire	Bfl-s1	DIN EN 13501-1 (excluding covering)

Product description	The patented "silentCOMFORT" acoustic system was designed specifically for floating installation under floors such as wineo Purline Organic Flooring to click or wineo Design Flooring to click. As a high-class system for reducing impact sound and walking noise, "silentCOMFORT" consists of up to 90% naturally occurring raw materials and is supplied in rolls for convenience. The top side of wineo silentCOMFORT is protected with a PET film. Before covering with wineo Purline organic flooring for clicking or wineo design flooring for clicking, the PET film is removed by simply peeling it off.
Product composition	Permanently elastic underlay material made of mineral fillers and polyurethane binders. "silentCOMFORT" consists of a siliconized carrier PET foil, an ageing resistant heavy layer of polyurethane as well as a high-class fleece side (in White).
Taking responsibility	wineo silentCOMFORT is FREE from plasticizers, asbestos, formaldehyde, halogens and heavy metals. It complies with French afset 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	Old textile floor coverings of any kind must be removed beforehand! silentCOMFORT can be cut with a carpet knife (trapeze blade). Lay out the individual sheets end to end with the FILM SIDE facing upwards, at an angle of approx 90° counter to the laying direction of wineo Purline Organic Flooring to click or wineo Design Flooring to click. Fixing the sheets to one another or to the subsurface is not provided! After removing the film, begin laying Purline Organic Flooring to click or Design Flooring to click according to the recommendations. 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.
Range of applications	<ul style="list-style-type: none"> Laying over screeds Laying over existing flooring such as ceramic tiles, wooden floors, etc. Laying over high-activity areas, e.g. shop-in-shop areas, special sales areas, etc. (in order to increase the anti-slip behaviour) Optimization of footfall- and walking noise reduction



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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. Windmöller GmbH reserves the right to make technical changes.