


TECHNICAL CHARACTERISTICS

wineo silentCOMFORT PU underlay for PURLINE organic flooring & Design flooring				wineo
Product thickness	1.50 mm		(± 0.15 mm)	
Format	Length:	10.00 m	(± 15.00 mm)	
	Width:	1.00 m	(± 1.00 mm)	
Weight	1.5 kg/m²		(± 0.15 kg/m²)	
Roll / m²	1 / 10 m²			
Rolls / m² per pallet	40 / 400 m²			
Technical details				
RWS	Reflected walking sound	up to 22 %; 6 %	(± 2 %)	WPT factory rating, int. (form EPLF standard WD 021029-5) Measured under: norm laminate 7 mm; wineo DLC 5 mm
IS	Impact sound	up to 16 dB; 16 dB	(± 2 dB)	DIN EN 16251-1 Measured under: norm laminate 7 mm; wineo DLC 5 mm
R	Thermal resistance	0.01 m²K/W		DIN CEN/TS 16354 (suit. for water underfloor heatings)
S _D	Water vapor diffusion	n.a.		DIN CEN/TS 16354
RI	Residual indentation	< 0.10 mm		DIN EN 3385
CS	Compressive strength	up to 44 t/m²	(~ 440 kPa)	DIN EN 826 (250 Pa 0.5 mm)
CC	Compressive creep	~ 94 kPa		DIN CEN/TS 16354
DL	Dynamic load	> 150,000 cycles		DIN CEN/TS 16354
RLB	Resistance to large ball	n.a.		DIN CEN/TS 16354 Measured under: norm laminate EPLF, 7 mm
PC	Punctual conformability	~ 0.65 mm		DIN CEN/TS 16354
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 (with single-sided fixation) under clickable design floors. 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.			
Product composition	Permanently elastic underlay material made of mineral fillers and polyurethane binders. "silentCOMFORT" consists of a siliconized PET foil (removable), a heavy-duty polyurethane layer as well as a high-class fleece side (in White).			
Taking responsibility	wineo silentCOMFORT 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	Old textile floor coverings of all types must be removed beforehand! silentCOMFORT can be cut with a carpet knife (trapeze blade). Lay the individual sheets joint-to-joint with the FILMED SIDE FACING UP, at an angle of approx 90° counter to the laying direction of Purline Organic Flooring to click or 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 (products bearing the Blue Angel and eco label according to DE UZ 120, for example). 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. – adjustment of underfloor unevenness• 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			
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. Last updated 03/2018 – All previous information hereby superseded.				