


TECHNICAL CHARACTERISTICS

wineo silentPREMIUM

PU underlay for PURLINE organic flooring & Design flooring

wineo

Product thickness	1.80 mm	(± 0.15 mm)	
Format	Length: 6.50 m	(± 15.00 mm)	
	Width: 1.00 m	(± 1.00 mm)	
Weight	2.6 kg/m²	(± 0.15 kg/m²)	
Roll / m²	1 / 6.50 m²		
Rolls / m² per pallet	40 / 260 m²		

Technical details			
Installation in utilization class 23 Installation in utilization class 32		Heavy-duty use in the domestic area Normal use in the commercial sector	EN ISO 10874
RWS	Reflected walking sound	up to 6 %	(± 2 %)
		EPLF standard WD 021029-5 Measured under: <u>wineo DL 2 mm</u> , DLC 5 mm	
IS	Impact sound	up to 15 dB	(± 2 dB)
		DIN EN 16251-1 Measured under: <u>wineo DL 2 mm</u> , DLC 5 mm, NL 7 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	< 0.20 mm	DIN EN 3385 Measured under: <u>wineo DL 2 mm</u>
CS	Compressive strength	up to 45 t/m²	(> 450 kPa)
		DIN EN 826	
CC	Compressive creep	> 55 kPa	DIN CEN/TS 16354
DL	Dynamic load	> 150,000 cycles	DIN CEN/TS 16354
RLB	Resistance to large ball	~ 750 mm	DIN CEN/TS 16354 Measured under: norm laminate EPLF, 7 mm
PC	Punctual conformability	~ 0.55 mm	DIN CEN/TS 16354
RTF	Reaction to fire	Bfl-s1	DIN EN 13501-1 (excluding covering)

Product description	The patented "silentPREMIUM" acoustic system was designed specifically for floating installation (fixed on one side) under design floors. As a high-class system for reducing impact sound and walking noise, "silentPREMIUM" consists of up to 90% naturally occurring raw materials and is supplied in rolls for convenience.		
Product composition	Permanently elastic underlay material consisting of mineral fillers and polyurethane binding agents. "silentPREMIUM" is composed of a transparent PET carrier film together with a dimensionally stable self-adhesive layer (with removable protective film), an ageing resistant heavy layer of polyurethane and a high quality nonwoven backing (in white).		
Taking responsibility	wineo silentPREMIUM is FREE of plasticizers, solvents, asbestos, formaldehyde, halogens and heavy metals and fulfils VOC Directive afsset A+, Bl. Engel as well as the guidelines of the 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	<p>Easy to cut to size with a cutting knife. Install with the nonwoven site facing down and the adhesive side (without film) facing up towards the surface covering. The final installation of the product is to be individually checked and approved for each surface covering. In this respect, installation recommendations are to be pronounced by the relevant sales partner.</p> <p>Old textile floor coverings of any kind must be removed beforehand! The silentPREMIUM insulation mat can be cut using a floor fitter's knife (trapezoidal blade). Lay the individual strips end to end with the FILM SIDE FACING UP at an angle of approx. 90° to the installation direction of the wineo design floor for gluing (thicknesses of 2 - 2.5 mm).</p> <p>Fastening the strips underneath each other of fastening to the subfloor is not intended. After removing the film, start installing the wineo design floor for gluing according to the installation recommendations.</p> <p>silentPREMIUM firstly features low initial adhesion properties, which means it is still possible to correct the surface covering for quite a while. After smoothing or rolling the floor covering with a pressure roller, it is no longer possible to make corrections.</p> <p>Note: Although silentPREMIUM has a high adhesive force to the floor covering, dimensional changes to design vinyl floor coverings, though limited, cannot be completely prevented.</p>		
Features	<ul style="list-style-type: none"> • Ideally suited for underfloor heating • Minimum subfloor preparation acc. to manufacturer's specifications • Possible to install directly on top of existing floor coverings • Initial corrections possible • Permanently outstanding reflected walking and impact sound properties <ul style="list-style-type: none"> • Can be walked on immediately • No additional adhesive necessary (floating installation) • Neat and time-saving to process • Resistant to plasticisers • Quick to remove without residue • Consistent cost saving 		

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.