

TECHNICAL CHARACTERISTICS

wineo singleGLUE self-adhesive mat PU-underlay for elastic floor coverings for gluing

W1neo



Product thickness	~ 1.8 mm (± 0.15 mm)
Format	Length: 6.5 m Width: 1.0 m (± 1.00 mm)
Weight	~ 2.6 kg/m ² (± 0.15 kg/m ²)
Roll / m ²	1 / 6.50 m ²
Rolls / m ² per pallet	40 / 260 m ²

Technical details

RWS	Reflected walking sound	up to 6 % (± 2 %)	Windmöller factor rating, int. (form. EPLF WD 021029-5) Measured under: GF 2.5 mm (Trend)
IS	Impact sound	up to 15 dB (± 2 dB)	DIN EN 16251-1 Measured under: GF 2.5 mm (Design & Trend)
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	< 0.20 mm	DIN EN ISO 24343-1 Measured under: wineo DL 2 mm
CS	Compressive strength	> 90 t/m ² (> 900 kPa)	acc. to DIN EN 826 (250 Pa, 0.5 mm)
CC	Compressive creep	> 55 kPa	DIN EN 16354:2019-01
DL	Dynamic load	> 4,000,000 Zyklen (DL_75)	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	~ 0.55 mm	DIN EN 16354:2019-01
RTF	Reaction to fire	Bfl-s1	DIN EN 13501-1 (excluding covering)

Product description	The patented „wineo singleGLUE“ acoustic system was designed specifically for floating installation (fixed on one side) under elastic floors. As a high-class system for reducing impact sound and walking noise, „wineo singleGLUE“ 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. „wineo singleGLUE“ is composed of a transparent PET carrier film (inkjet print possible) 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 or black).
Taking responsibility	“wineo singleGLUE” is FREE from plasticizers, asbestos, formaldehyde, halogens and heavy metals and fulfills VOC Directive asset 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 essential to adhere to the manufacturer's advice on protection.
Processing	The approval of the flooring manufacturers must be obtained prior to install the product in any way. For further information about processing, please refer to the relevant manufacturer guidelines on installation.
Installation reference	Old textile floor coverings of any kind must be removed beforehand! The mat singleGLUE can be cut with a floor fitting knife (trapezoidal blade). Lay out the individual sheets, end to end, with the FILM SIDE facing upwards at an angle of approx. 90° against the direction of installation of the wineo elastic floor for gluing (thicknesses from 2 - 2.5 mm). Fastening the strips underneath each other of fastening to the subfloor is not allowed! After removing the film, start installing the elastic floor for gluing according to the installation recommendations. singleGLUE firstly features low initial adhesion properties, which means it is still possible to correct the surface covering for a while. After smoothing or rolling the floor covering with a pressure roller, it is no longer possible to make corrections. Note: Although wineo singleGLUE has a high adhesive force to the floor covering, dimensional changes to elastic floor coverings, though limited, cannot be completely prevented. 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. 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.

Features	In addition to the mentioned features, please also see and note the detailed information in our installation instructions available on www.wineo.com . <ul style="list-style-type: none"> • Minimum subfloor preparation acc. to manufacturer's specifications • Possible to install directly on top of existing floor coverings (except textile flooring) • Initial corrections possible • Can be walked on immediately • Optimal reduction of walking and impact sound 	<ul style="list-style-type: none"> • No additional adhesive necessary (floating installation) • Neat and time-saving to process • Resistant to plasticisers • Quick to remove without residue • Consistent cost saving
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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.