

TECHNICAL CHARACTERISTICS

wineo silentRIGIDCOMPACT PU underlay mat for rigid design floor for clicking in

W1neo

Product thickness	1.00 mm (± 0.15 mm)	
Format	Length: 10 m (± 15.00 mm) Width: 1 m (± 1.00 mm)	
Weight	1.20 kg/m ² (± 0.15 kg/m ²)	
Roll / m ²	1 / 9 m ²	
Rolls / m ² per pallet	54 / 486 m ²	
Technical details		
RWS	Reflected walking sound	up to 12 % (± 2 %) Windmöller factory rating, int. (form. EPLF WD 021029-5) Measured under: SPC (EU) 5 mm
IS	Impact sound	up to 15 dB (± 2 dB) DIN EN 16251-1 Measured under: SPC (EU) 5 mm
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	< 0.05 mm DIN EN 24343-1 Measured under: SPC (EU) 5 mm
CS	Compressive strength	> 180 t/m ² (> 1800 kPa) acc. to DIN EN 826 (250 Pa, 0.5 mm)
CC	Compressive creep	> 105 kPa DIN EN 16354:2019-01
DL	Dynamic load	> 4,000,000 cycles (DL75) DIN EN 16354:2019-01
RLB	Resistance to large ball	~ 500 mm; 1350 mm DIN EN 16354:2019-01 Measured under: SPC (EU) 5 mm
PC	Punctual conformability	~ 0.20 mm DIN EN 16354:2019-01
RTF	Reaction to fire	Bfl-s1 DIN EN 13501-1 (excluding covering)
Product description	The patented "Silent Rigid Compact" acoustic system was designed specifically for the floating installation under clickable design floors (SPC's). As a high-class system for reducing impact sound and walking noise, "Silent Rigid Compact" 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. "Silent Rigid Compact" consists of a transparent PET-foil (incl. Wineo inkjet logo print), a heavy-duty polyurethane layer as well as an high-class fleece side (in White).	
Taking responsibility	Silent Rigid Compact" 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 manufacturer <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 cutter knife. Lay the fleece side down and the transparent foil 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.	
		
<p>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.</p>		