TECHNICAL DATA SHEET - EDITION 12.2023

Silent Walk Underlay

General information

The best underlay for rooms with heavy traffic, such as your living room and hallway. It offers optimal noise reduction in the room and has the highest efficiency with underfloor heating.

The Silent Walk underlay is the perfect choice if you want to reduce the sound of steps in the room to the maximum effect. Thanks to its exceptional compressive strength and dynamic load, it ensures a long lasting performance.

Unilin bv has successfully achieved Cradle to Cradle Certified Silver for the Pergo Silent Walk underlay.

	SILENT WALK UNDERLAY
Order code	PGUDLSW7
M²	7 m²
Dimensions	7000 x 1000 x 2 mm
Weight	11.2 kg
Composition	Polyurethane

TECHNICAL DATA SHEET - EDITION 12.2023

Silent Walk Underlay

SILENT WALK UNDERLAY	
Colour	Black/gold

Applicable for:

The use of accessories other than those supplied by Pergo may cause damage to the Pergo floor. In such case the guarantee provided by Pergo will be void. We therefore strongly recommend to use only Pergo accessories as these have been especially designed and tested for use with Pergo floor panels.

TECHNICAL DATA SHEET - EDITION 12.2023

Silent Walk Underlay

Features

- **Installing the right underlay has a major impact on the final look, quality and acoustics of your floor.**

  A good underlay provides the stable foundation that your quality floor deserves.

- **Supports your click system**

  Suitable for installation under Laminate and Parquet floors.

- **Acoustic insulation**

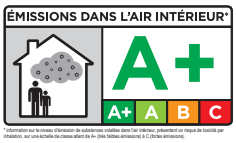
  The underlay provides excellent sound reduction in the room and good sound reduction to the rooms below.

- **Thermal resistance**

  It's compatible with underfloor heating. For underfloor cooling it's only compatible in combination with Laminate floors. Please follow carefully our underfloor heating instructions to avoid any damage.

- **Pergo warranty**

  Underlays come with the same warranty as your floor.



TECHNICAL DATA SHEET - EDITION 12.2023

Silent Walk Underlay

Performance

If you're going for a quick and smooth floating installation, choosing the right underlay is essential. All performance tests are carried out in accordance with EN-16354.

	SUMMARY
Punctual conformability	1,1 mm
Compressive strength	180 kPa
Compressive creep	43 kPa
Dynamic load	> 100.000
Moisture resistance	100 m
Impact sound	18 dB
Reflected walking sound	★★★★★
Thermal resistance	0,01 m²K/W
Reaction to fire	Bfl-s1

TECHNICAL DATA SHEET - EDITION 12.2023

Silent Walk Underlay

MOISTURE RESISTANCE

Description	Protection against rising damp.
Result	100 m
Test method	EN-16354
Importance	It is advised to install an underlay with integrated vapor barrier in order to protect your floor from rising damp. To be fully moisture resistant, all seams must be sealed with a moisture proof tape. Pergo Silent Walk underlay has an integrated vapor barrier, so there's no need to install a separate damp foil.

IMPACT SOUND

Description	The sound waves that travel through your floor and can be an annoyance to your neighbours.
Result	17-18 dB
Test method	Impact sound reduction is expressed as ΔLw and gives the weighted reduction of impact sound pressure and is measured according to the EN-16354 protocol.
Importance	Impact sound can be a cause of annoyance and friction between neighbours. Check your local Building Codes / Standards for any specific requirements.

TECHNICAL DATA SHEET - EDITION 12.2023

Silent Walk Underlay

	REFLECTED WALKING SOUND
Description	The sound you hear when you walk across the floor.
Result	★★★★★
Test method	The reflected walking sound is measured according to EN-16205. There is no general rating scale, therefore we rate the impact of the various underlays on reflective walking sound in stars at Pergo.
Importance	In rooms with lots of traffic, the tapping noise of shoes can be experienced as very annoying. This underlay is made of natural oil based polyurethane binders with mineral fillers. It's a very dense underlay and it always returns to its original state after being pressed together (memory foam). This ensures optimum contact with the laminate floor and reduces reflected walking sound to the minimum.

TECHNICAL DATA SHEET - EDITION 12.2023

Silent Walk Underlay

	THERMAL RESISTANCE
Description	This underlay is suitable for underfloor heating in combination with Laminate and Parquet floors. Underfloor cooling is only possible in combination with Laminate floors.
Result	0,01 m²K/W
Test method	EN-16354
Importance	The thermal resistance of an underlay measures the temperature difference when there is a thermal transfer through the material. It is the thickness of the product divided by its conductivity and its measuring unit is m²K/W. This value needs to be either high or low depending on the preference of the customer. For application over underfloor heating, this value needs to be low and for situations where additional insulation is required, this value needs to be high. When evaluating the thermal resistance, the thermal resistance of the entire flooring system (floor + underlay) needs to be added up. For applications on top of underfloor heating systems, this value cannot exceed 0,15m²K/W, for underfloor cooling this cannot exceed 0,15m²K/W. Please follow carefully our underfloor heating instructions. Should you have any further questions or problems, please do not hesitate to contact our technical department via technical.services@unilin.com.

TECHNICAL DATA SHEET - EDITION 12.2023

Silent Walk Underlay

Installation

Before laying your Pergo, you must install an underlay. A good underlay provides the stable foundation that your quality floor deserves.

1. Unroll the underlay on the subfloor with the logo and golden damp proof foil upwards. Lay the underlay strips parallel to the laying direction of your floor. Do this strip by strip, as the laying of your floor progresses.

2. Make sure the underlay fits together tightly but also make sure that the strips cannot slide over each other by taping them (don't leave any gaps between the strips).

3. Seal the joints between the underlay with our Pergo damp-proof tape (NETAPE50), except for wooden subfloors.

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