

UNISOUND UNDERLAY

Technical data sheet
English

QUICK·STEP®
FLOOR DESIGNERS

General information

Unisound is the ideal sound-reducing underlay for upper floor rooms and appartments. This sound is absorbed to a great extent by the cell structure and density of this polyethylene foam.





	Unisound Underlay
Order code	QSUDLDRUCO15
M²	15 m²
Dimensions	15960 x 940 x 2 mm
Weight	3.269 kg
Composition	Polyethylene

Unisound Underlay

Colour	White

Applicable for:

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

Features

Installing the correct underlay has a major impact on the look, quality, acoustics and longevity of your finished floor.

Creates a level base

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 very good sound reduction in the room and very good sound reduction to the rooms below.

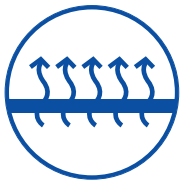
Thermal resistance

Compatible with Laminate floors in combination with underfloor heating and cooling (not with Parquet on underfloor heating or cooling systems). Please follow carefully our underfloor heating instructions to avoid any damage.

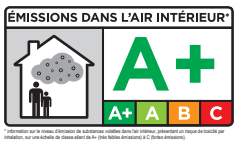
Quick-Step warranty

Underlays come with the same warranty as your floor.









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	1,4 mm
Compressive strength	70 kPa
Compressive creep	17 kPa
Dynamic load	> 50.000
Moisture resistance	75 m
Impact sound	21 dB
Reflected walking sound	★★★★☆
Thermal resistance	0,045 m^2K/W

Moisture resistance

Description	Protection against rising damp.
Result	75 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. Quick-Step Unisound underlay has an integrated vapour barrier, so there's no need to install a separate damp foil. A lip and tape strip are also attached to the underlay to ensure fast installation.

Impact sound

Description	The sound waves that travel through your floor and can be an annoyance to your neighbours.
Result	21 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.

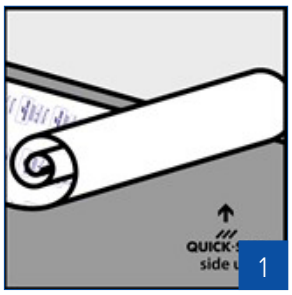
	Reflected walking sound
Description	The sound you hear when you walk across the floor.
Result	★★★★☆
Test method	The reflected walking sound is measured according to EN-16205. There is no general rating scale, therefore we rate the impact of the various underlays on reflective walking sound in stars at Quick-Step.
Importance	In rooms with lots of traffic, the tapping noise of shoes can be experienced as very annoying. Thanks to its closed cell structure, the Unisound underlay always returns to its original state. Therefore the underlay fits closely onto the floor and it reduces reflected walking sound to a minimum.

Thermal resistance

Description	This underlay is suitable for underfloor heating and cooling in combination with Laminate floors, not in combination with Parquet floors.
Result	0,045 m^2K/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 m^2K/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 $0,15m^2K/W$, for underfloor cooling this cannot exceed $0,15m^2K/W$. 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.

Installation

Before installing your Quick-Step flooring, 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 upwards. The subfloor must be clean, dry and flat. Lay the underlay strips parallel to the laying direction of your floor.

2. Lay the first underlay row and lay the next row with flap next to the first. Remove the adhesive strip from the first row and stick the foil flap of the second row on top of the adhesive. Do this strip by strip, as the laying of your floor progresses. Make sure the underlay fits together tightly and don't leave any gaps.

3. Seal the joints on the short side between two underlays with our damp-proof tape (NETAPE50), except for wooden subfloors.

Unilin bv division flooring
Ooigemstraat 3, B-8710 Wielsbeke
T: +32 56 67 52 11
unilin.com
quick-step.com

UNILIN | QUICK·STEP FLOOR DESIGNERS