

HEAT UNDERLAY

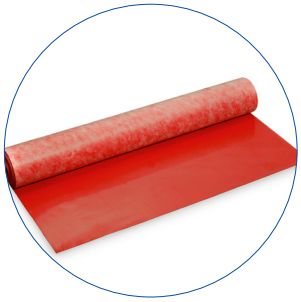
Technical data sheet
English

QUICK·STEP®
FLOOR DESIGNERS

General information

The recommended underlay for rooms that get a lot of direct sunlight and rooms with underfloor heating or cooling. Heat also offers optimal in-room sound reduction. If the temperature of your Vinyl Flex floor is expected to raise up to or above 45°C (113°F), for instance due to direct sunlight, it is mandatory to use the Heat underlay or to install without underlay on a levelled mineral sub floor i.e concrete.

Unilin bv has successfully achieved Cradle to Cradle Certified Silver for the Quick-Step Heat underlay.



	Heat Underlay
Order code	QSVUDLHEAT10
M²	10 m²
Dimensions	10000 x 1000 x 1.55 mm
Weight	14.38 kg
Composition	Polyurethane

Heat Underlay

Colour	Red

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 Vinyl Flex and Alpha Vinyl.

Acoustic insulation

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

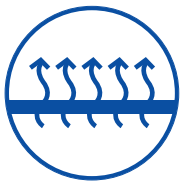
Thermal resistance

It's compatible with underfloor heating and cooling. Please follow carefully our underfloor heating instructions to avoid any damage.

Quick-Step warranty

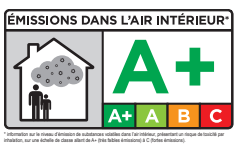
Underlays come with the same warranty as your floor.











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	0,68 mm
Compressive strength	> 450kPa
Compressive creep	> 95kPa
Dynamic load	≥ 100.000
Moisture resistance	N/A
Impact sound	16 dB
Reflected walking sound	★★★★★
Thermal resistance	0,01 m^2K/W
Reaction to fire	Bfl-s1

Moisture resistance

Description	Protection against rising damp.
Result	N/A
Test method	EN-16354
Importance	For a waterproof floor like Vinyl, the protection against rising damp is of less importance. Therefore an integrated vapor barrier is not necessary.* * In some cases (i.e certain underfloor heating/cooling systems or subfloors) an extra vapor barrier is required. Should you have any further questions or problems, please do not hesitate to contact our technical department via technical.services@unilin.com.

Impact sound

Description	The sound waves that travel through your floor and can be an annoyance to your neighbours.
Result	16 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.

Thermal resistance

Description	This underlay is suitable for underfloor heating or cooling.
Result	0,02 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 combined. 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 rows parallel to the laying direction of your floor. Do this row by row, as the laying of your floor progresses.

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

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