

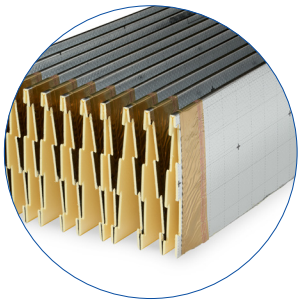
THERMOLEVEL UNDERLAY

Technical data sheet
English

QUICK·STEP®
FLOOR DESIGNERS

General information

Thermolevel is the best choice for irregular subfloors, it's perfect for the installation on top of existing tiles. It also provides additional insulation.



	Thermolevel Underlay
Order code	QSUDLTL9
M²	9 m²
Dimensions	7500 x 1200 x 5 mm
Weight	1.622 kg
Composition	Extruded polystyrene

Thermolevel Underlay

Colour	Yellow/silver

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

Quick-Step accessories are specifically developed for Quick-Step floors.

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

Thermal resistance

It's not compatible with underfloor heating or cooling.

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	4 mm
Compressive strength	90 kPa
Compressive creep	25 kPa
Dynamic load	100
Resistance to large ball	140 cm
Moisture resistance	100 m
Impact sound	19 dB
Reflected walking sound	★★★☆☆
Thermal resistance	0,143 m^2K/W

	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 against rising damp. To be fully moisture resistant, all seams must be sealed with a moisture proof tape. Quick-Step Thermolevel 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	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.

Reflected walking sound

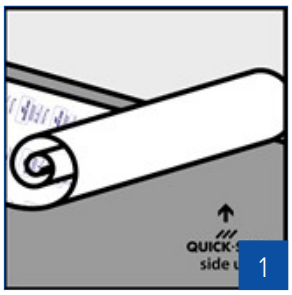
Description	The sound you hear when you walk across the floor.
Result	★★★☆☆
Test method	The reflected walking sound is measured according to EN-16205. There is no general rating scale, therefore we rate the impact of the various underlays on reflective walking sound in stars at Quick-Step.
Importance	In rooms with lots of traffic, the tapping noise of shoes can be experienced as very annoying.

Thermal resistance

Description	This underlay is not suitable for underfloor heating or cooling.
Result	0,0143 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 $0,10m^2K/W$. The high thermal resistance of the Thermolevel underlay makes sure that the heat is conserved, there where you want it. 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 laying your Quick-Step, you must install an underlay. A good underlay provides the stable foundation that your quality floor deserves.



1. Install the underlay on the subfloor with the logo upwards. In the first underlay row, cut the puzzle edge in order to lay the underlay adjacent to the wall.

2. Connect the underlay strip by strip with the puzzle edge. 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.

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

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