



TRANSIT UNDERLAY

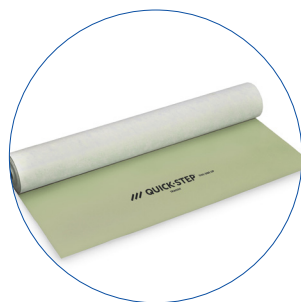
Technical data sheet
English


QUICK-STEP
FLOOR DESIGNERS

General information

Offering the best noise reduction toward neighbouring rooms, this underlay is ideal for first floors and apartments. Transit is a sustainable choice because it's mainly made of recycled PET flakes.

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.



Transit Underlay

Order code	QSVUDLTRANSIT15
M²	15 m ²
Dimensions	15000 x 1000 x 1.2 mm
Weight	3.743 kg
Composition	70% recycled polyester

Transit Underlay

Colour

Top layer: green (color can vary between white and green)
Bottom layer: 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 Vinyl Flex and Alpha Vinyl.

✓ **Acoustic insulation**

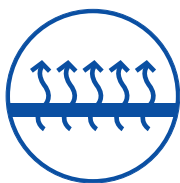
The underlay provides good sound reduction in the room and excellent sound reduction to neighboring rooms.

✓ **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	0,4 mm
--------------------------------	--------

Compressive strength	> 400kPa
-----------------------------	----------

Compressive creep	> 50kPa
--------------------------	---------

Dynamic load	> 250.000
---------------------	-----------

Moisture resistance	N/A
----------------------------	-----

Impact sound	21 dB / Delta Lin 10 dB (NSG certificates available)
---------------------	--

Reflected walking sound	★★★★☆☆
--------------------------------	--------

Thermal resistance	0,045 m ² K/W
---------------------------	--------------------------

Reaction to fire	Efl
-------------------------	-----

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	21 dB
Test method	Impact sound reduction is expressed as ΔL_w 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
Result	0,02 m ² K/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 ² K/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 ² K/W, for underfloor cooling this cannot exceed 0,10m ² K/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).