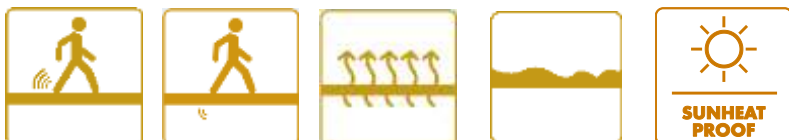


**QUICK•STEP® LIVYN Sunheat**

LIVYN

**QSVUDLSH10****Product Description: I want an underlay for my Quick•Step® LIVYN click floors in rooms with high temperature variations.**

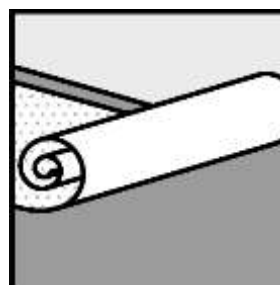
The Quick•Step® LIVYN SunHeat is a sound reducing and levelling underlay developed for use under LIVYN click floors in rooms with high temperature fluctuations (e.g. conservatory).


Before laying your Quick•Step® floor, you must install an underlay. A good underlay provides the stable foundation that your quality floor deserves and also insulates against sound and heat.



The LIVYN SunHeat underlay:


- levels out your subfloor;
- supports your click system;
- is suitable for floor heating.


	QSVUDLSH10
Packaging unit	1 pack = 10 m <sup>2</sup>
Dimensions	10m x 1m
Thickness	1.5 mm
Weight (1pc)	14.5 kg
Pallet quantity	40 pieces
Pallet dimensions (l x b x h)	1200 x 800 x 1150 mm
Pallet weight	600 kg



	<p><b>Ideal voor Uniclic® en Uniclic® Multifit.</b></p> <p>The very dense foam of the Livyn Sunheat Underlay superiorly supports your Multifit for Livyn Click system. Moreover, the smooth surface of the underlay makes sure no bits of the underlay could get stuck between the tongue and groove of the click system during installation.</p>
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	<p><b>Drumsound = Reflection sound</b></p> <p>The sound you hear when you walk across the floor.</p>
Result	<ul style="list-style-type: none"> <li>• <b>Result:</b> ***</li> <li>• <b>Standard:</b> In-company standard</li> <li>• <b>Institute:</b> In-company</li> </ul>
Test method	There is no official test method for this type of sound reduction. Therefore many suppliers use their own test method. At Unilin we give stars to indicate the relative difference between the various Quick•Step® underlays.
Why important?	In rooms with lots of traffic, the tapping noise of shoes can be experienced as very annoying.
	<p><b>Impact sound</b></p> <p>The sound waves that travel through your floor and can be experienced as annoying by your neighbors.</p>
Score	<ul style="list-style-type: none"> <li>• <b><math>\Delta L_w</math> (dB):</b> 4.5mm Balance LVT: 15dB</li> </ul>
Test method	Impact sound reduction is expressed as $\Delta L_w$ and gives the weighted reduction of impact sound pressure and is measured according to the ISO 140-08 protocol.
Why important?	Impact sound can be experienced as very annoying by neighbors. Some countries require certain minimum values for the impact sound reduction in apartment buildings.

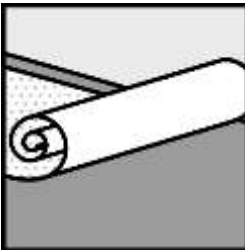
	<p><b>Moisture resistance</b></p> <p>Protection against rising damp.</p>
Score	<ul style="list-style-type: none"> <li>• <b>Result :</b> N.A.</li> <li>• <b>Standard :</b> EN 12086</li> </ul>
Test method	The moisture resistance of an underlay is measured according to the EN 12086 protocol Method A. The water absorption percentage is measured by EN 12087.
Why important?	For a waterproof floor like Livyn, the protection against rising damp under the vinyl is of less importance. Also this foam does not absorb any water, so you don't have to worry about mildew as the water easily evaporates without infiltrating the underlay.

	<p><b>Thermal resistance</b></p> <p>This underlay is suitable for floor heating.</p>
Result	<ul style="list-style-type: none"> <li>• <b>Result:</b> R value: 0.01m<sup>2</sup>K/W.</li> <li>• <b>Standard:</b> EN 12664</li> <li>• <b>Institute:</b> In-company</li> </ul>
Why Important ?	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 square meter Kelvin per Watt. This value needs to be either high or low depending on the preference of the customer. For application over floor heating, this value needs to be low and for situations where one wants to insulate his floor, 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 floor heating systems, this value cannot exceed 0.15m<sup>2</sup>K/W, for floor cooling this cannot exceed 0.10 m<sup>2</sup>K/W.

QSVUDLSH10	
<b>PC (CEN/TS 16354)</b>	0,65 mm
<b>CS (CEN/TS 16534)</b>	400 kPa
<b>CC (CEN/TS 16534)</b>	86 kPa
<b>DL25 (CEN/TS 16534)</b>	15.000
<b>RLB (CEN/TS 16534)</b>	70 cm
<b>SD (CEN/TS 16534)</b>	/
<b>IS (CEN/TS 16534)</b>	15 dB
<b>R (CEN/TS 16534)</b>	0,01 m <sup>2</sup> K/W
<b>Fire protection class</b>	Bfl-s1

### Instructions



- Unfold the underlay on the subfloor with the fibres downwards. Lay the underlay strips parallel to the laying direction of your floor. Do this strip by strip, as the laying of your floor progresses.
- In the first row, put the underlay up against the wall. Afterwards you can cut off the underlay so there is only 2 cm left.
- Seal the joints between the underlay with a damp-proof tape. (don't leave any gaps)
- In the last row, put the underlay 2 cm up against the wall.
- Make sure the underlay fits together tightly (don't leave any gaps).



*The use of products other than the Quick•Step® accessories might 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.*