

# UNDERLAY GUIDE

## DPL laminate

### 1. AN UNDERLAY FOR EVERY ROOM

BerryAlloc UNDERLAYS are designed to improve your living comfort and will contribute to a perfect installation of your new laminate floor. Our underlays have the same high quality standards as our laminate floors and are multifunctional :

- They reduce the transit sound with a minimum of 19 dB
- They always have an integrated moisture barrier to keep any seasonal changes in humidity in your subfloor from damaging your laminate
- They correct small unevenness in your subfloor so you have a level base to install the floor on. Read the instructions below on how to prepare the subfloor.

The BerryAlloc standard **Excellence Go** underlay is a good universal underlay suitable for domestic use. **Excellence Impact+** and **Excellence Plus** have extra characteristics to meet specific needs :

**Excellence Impact+** : has a high impact resistance, which makes it very strong and suitable for more demanding projects. It is a folded underlay, extremely easy to install.

**Excellence Plus** : an underlay with very high sound reduction qualities that is perfect for floor heating/cooling.

Comparing the data of the BerryAlloc underlays :

|                        | Excellence go | Excellence Impact+ | Excellence Plus |
|------------------------|---------------|--------------------|-----------------|
| m <sup>2</sup>         | 15/20         | 12                 | 10              |
| Thickness              | 2mm           | 3mm                | 2,5mm           |
| Corrects unevenness    | v             | v                  | v               |
| Moisture barrier       | v             | v                  | v               |
| Impact sound*1         | -19 dB        | -19 dB             | -21 dB          |
| Walking sound*1        | **            | ***                | ****            |
| Compression strength*2 | **            | ***                | ****            |
| Impact resistance*2    | ***           | ****               | **              |
| Floor heating/cooling  | ***           | **                 | ****            |
| Easy to install        | v             | v                  | v               |

\* 1 impact sound versus walking sound :



**Impact sound** is the sound that reflects through the floor to the room(s) below.



**Walking sound** is the reflection of the sound within the room itself.

\* 2 compression strength versus impact resistance :



**Compression strength** is the resistance of a material to deformation under compression.



**Impact resistance** is the ability to absorb the impact of falling objects.

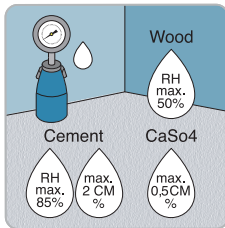
All underlays are suitable for **subfloor heating/cooling**, but Excellence Plus has the lowest thermal resistance value. More details about installing laminate on top of subfloor heating systems can be found in the [installation manual for laminate on floor heating/cooling](#).

The BerryAlloc **HPL laminate** collection comes with an integrated **Silent System** of 2mm, which is functioning as an underlay. It will correct small unevenness and has a transit sound reduction value of 18-19dB. But we do recommend to use a **BerryAlloc Moisture Barrier** under your HPL floor to protect it against moisture from the subfloor. It is a PE-foil of 0.2 mm, easy to install and ageing resistant.

For more detailed technical specifications and values on the underlays, you can [download our technical data sheets](#).

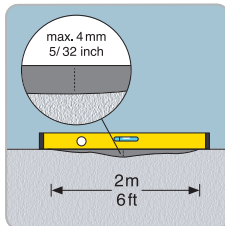
## 2. INSTALLING YOUR UNDERLAY

### 2.1 PREPARATION OF THE SUBFLOOR

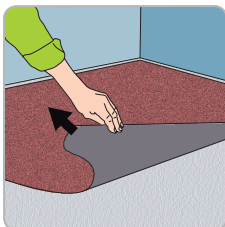


BerryAlloc laminate can be installed on most hard subfloors, e.g. chip/plasterboards, PVC or concrete (be sure that the existing subfloor construction is fixed). The subfloor must be totally dry :

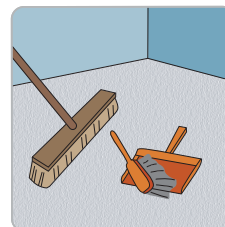
- Wooden and wood based material, max. 50 % relative humidity
- Concrete and light concrete floor, max. 2,0 CM % (1,8 CM % if floor heating)
- Plaster and plaster based floor, max. 0,5 CM % (0,3 CM % if floor heating)



The subfloor has to be even (max. height difference of 4mm per 2m), dry and cleaned. Sharp edges must be smoothed and holes filled. This is important because an uneven subfloor can cause squeaking noises.



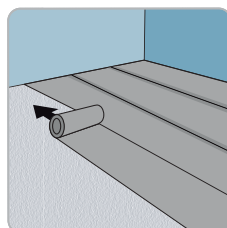
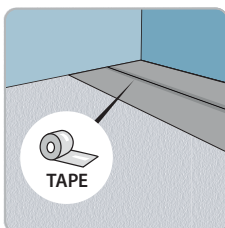
Soft material like a wall-to-wall carpet needs to be removed.



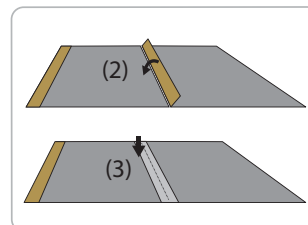
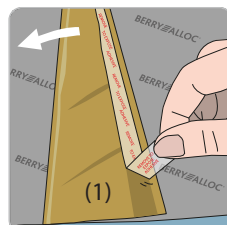
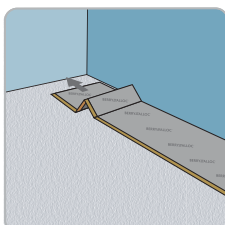
Clean up any sand or dirt before installing the underlay.

### 2.2 INSTALLATION OF THE UNDERLAY

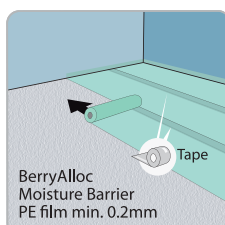
All BerryAlloc underlays have an integrated moisture barrier. Always install the BerryAlloc underlay with the moisture barrier face up. Underlays with integrated moisture barrier should either be connected by an integrated adhesive strip (included in Excellence Go and Excellence Impact+) or by a water resistant tape included in the Excellence Plus). The moisture barrier can only be efficient if the edges are also sealed, so pay attention to the connection of the underlay strips and make sure the seams are sealed well. Never overlap underlays.



**Excellence Plus** comes with a separate tape roll to connect the strips of the underlay



**Excellence Go** and **Excellence Impact+** come with an integrated peel-off adhesive strip. Remove the film (1), flip over the lip (2) so that it connects both underlay rows and press to stick (3).



If you use the BerryAlloc moisture barrier separately (PE-film of 0.2 mm), you should always install it with an overlap of min. 20cm, taped and turned up against the walls. You can clean-cut the foil after the installation of the floor.