

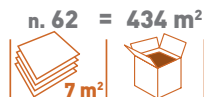


→ IsolDrum LVT Plus



HD wooden fibre and starch insulating underlay equipped with an anti-slip coating film for the installation of LVT and laminate flooring.

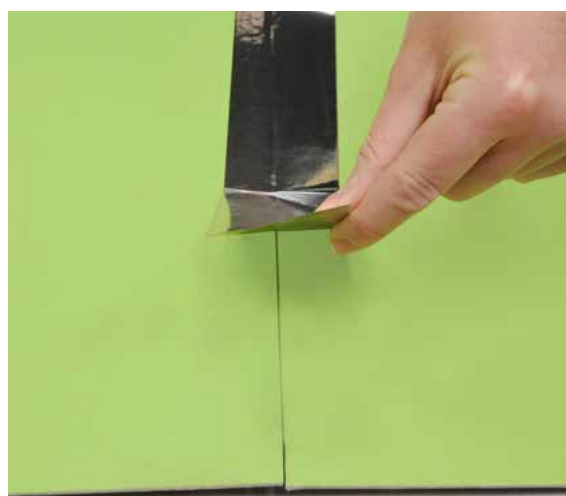
To be installed with the anti-slip side facing upwards.



isoldrum

Standard CEN/TS 16354

| | | |
|---|---|-------------|
| REFLECTED WALKING SOUND INSULATION | < 25 sone | class RWS 2 |
| IMPACT SOUND REDUCTION | $\Delta L_w = 20$ dB (under 5 mm of LVT) $\Delta L_w = 22$ dB (under 8 mm of laminate flooring) | class IS 2 |
| COMPRESSIVE STRENGTH | 1000 kPa (0,5 mm deformation) | class CS 3 |
| COMPRESSIVE CREEP | 1020 kPa (max load deform. < 0,5 mm in 10 years) | class CC 3 |
| THERMAL RESISTANCE | $R_t = 0,034$ m ² K/W | |
| THICKNESS | Approx. 1,8 mm | |
| SIZE | Panels of 0.56 m x 0.78 m equal to 0,437 m ² - packs of 16 panels equal to 7 m ² | |
| PACKAGING | Pallets of 62 packs (434 m ²) | |



→ Conditions of use

IsolDrum LVT Plus is conceived to install LVT and laminate flooring on uneven screeds or existing flooring. This product ensures a high impact sound reduction. Thanks to its high level compressive strength performance, Isoldrum LVT Plus is specifically recommended to prevent the opening of the LVT connections. The unique anti-slip technology avoids the LVT and laminate flooring movement. It is made of natural components and its manufacturing process is characterised by low environmental impact. This makes Isoldrum LVT Plus a 100% eco-friendly products. This product is also suitable for hot water underfloor heating. Check: R_t (finishing + Isolmant layer) $\leq 0,15$ m²K/W.

→ Item specifications

Resilient layer made of HD wooden fibre with anti-slip side (type IsolDrum LVT Plus). To be installed with the anti-slip side facing upwards. Thickness 1.8 mm.

WARNING: This technical data sheet is not a valid specification and, if it consist of multiple pages, be sure to read the full document. This instruction are the best of our current experience but are indicative information. Assuming the liability resulting from the use of this product, it is up to the user to establish whether the product is suitable for the intended use.



→ IsolDrum LVT Plus

IsolDrum LVT Plus is conceived to install LVT and laminate flooring on uneven screeds or existing flooring. This product ensures a high impact sound reduction as well as thermal insulation. IsolDrum LVT Plus stands also out for being multi-purpose and eco-friendly.

Acoustic insulation

This acoustic insulating underlay is strategic when impact sound reduction and airborne sound insulation are required. In addition, IsolDrum LVT Plus is conceived to provide reflected walking sound insulation (as footsteps sound inside the room). IsolDrum LVT Plus laid under a LVT flooring it provides impact sound reduction equal to 20 dB. It is an outstanding performance in such a low thickness.

No-slip layer

IsolDrum LVT Plus is coated on one side with a layer with high grip, which makes it ideal for the laying of PVC flooring. This kind of flooring, in fact, must be very stable because the slightest movement can damage the slot system between panels since they have a very even and smooth lower surface. The anti-slip system provides stability without the use of adhesives, and then combines the benefits of floating flooring with ease of installation. In addition, the anti-slip system can ensure excellent performance.

Environment friendly

IsolDrum LVT Plus is made from wood fibre and starch that are 100 percent natural components. It does not contain petrochemicals, plasticisers or solvents. Moreover, this product manufacturing process is eco-friendly.

Flooring joints cover

IsolDrum LVT Plus has a compressive strength higher than the regular underlays (1020 kPa), which makes it suitable for installation also on existing flooring. It also reduces the unsightly effects caused by uneven screed.

Suitable to hot water underfloor heating

IsolDrum LVT Plus has a very low thermal resistance (0.034 m²K/W), which allows it to be laid also with hot/cold water underfloor heating/cooling systems since it does not stop the transmission of heat to the room. It is recommended that the total resistance of the coating system + Isolmant layer does not exceed 0.15 m²K/W.

HOW TO LAY THE FLOOR

Installing IsolDrum LVT Plus is really easy and quick. It requires no special tools, but only a cutter and adhesive tape. Floating flooring does not require adhesives and that makes it faster and healthy.

1) Preparing the screed: IsolDrum LVT Plus' laying must be carried out on an even, clean, and debris or oil-free surface. Nevertheless, the tiler will assess the suitability of the surface when laying glue and sheets.

2) Installing the underlay: the sheets of IsolDrum LVT Plus should be placed without overlapping each other and taking care to leave an offset between them. Then, the sheets must be taped by means of Isolmant Nastro Alluminato. The anti-slip green side should be facing upwards (Figure 1). It is advisable to lay the sheet at about 10 mm from the side walls and door sills. The underlay exceeding surface can be cut with a cutter and easily reused by connecting them with the tape.

3) Installing the flooring: the flooring can be floating, taking care to lay it at an angle of 90° with the underlay (Figure 2).



WARNING: This technical data sheet is not a valid specification and, if it consist of multiple pages, be sure to read the full document. This instruction are the best of our current experience but are indicative information. Assuming the liability resulting from the use of this product, it is up to the user to establish whether the product is suitable for the intended use.