PURELUX FLOORING

GlueDown Installation Guide

General Information

GlueDown is a versatile floor covering which is quick and easy to install. It is particularly suitable for use in raised access floors and for temporary installations (can be uplifted and re-used). It is also recommended for use over correctly prepared concrete, wooden floors, metal and other suitable substrates. It is designed for interior use only.

A separate underlay is not normally recommended.

Acclimation of Material

At least 48 hours prior to installation, GlueDown must be removed from packaging (product may be stacked but must be rested flat) and allowed to acclimate in the room where the installation is to take place. Room temperature should be kept between 65-85°F* (18-27°C).

Subfloor Preparation

Subfloor preparation must comply with ASTM F710, AS/NZS 1884, BS 8203, DTU 53.2, DIN 18365 (Teil C) or other applicable National Standards and Building Codes for the installation of Resilient Flooring and in strict accordance with these installation guidelines. The subfloor must be smooth, level, free from undulations, clean and dust-free.

Note: Solvents and corrosive chemicals should not be used to clean or remove subfloor contaminants as they can damage the backing of GlueDown and affect product performance.

Before this product may be installed, all subfloors should be solid and sound, smooth and level, clean and swept free of all debris.

Moisture in Subfloors

Moisture of the base subfloor (e.g. concrete) must be measured according to the relevant local standard:

- Where the hygrometer test is specified the moisture of the subfloor must be less than 95% RH.
- Where the calcium carbide test is specified construction moisture must be no more than 3% for cementitious screeds and no more than 1.4% for calcium sulphate screeds.
- Where the calcium chloride test is specified, the moisture of the subfloor should be no more than 8 lbs. moisture/1000 sq. ft. per 24 hours.

For any subfloor showing a moisture value above these limits, then a suitable damp-proof membrane/moisture suppression system must be used.

Note: some National Standards require the pH of the concrete slab to be controlled.

Old Adhesive Residues

All adhesive residues from previous installations must be completely removed by mechanical means only.

Concrete Floors

Subfloors/Screeds: All cracks and joints must be checked and repaired using a suitable repair system and the floor needs to be level in accordance with the applicable standard. All Gypsum (anhydrite) based floors must be sealed with a compatible sealing compound.

Mosaic/Terrazzo/Ceramics/Quarry Tiles

Ensure the floor is sound with no loose tiles. Then level any grout lines with a suitable smoothing compound.

Timber Floors

These should be solid with minimal flexibility. All loose boards must be firmly fastened, gaps filled, and undulations removed. Where necessary, overlay floorboards with flooring grade plywood or similar.

OSB (Oriented Strand Board)

Best practice is to first overlay with a flooring grade plywood because the quality, moisture content and smoothness of OSB can vary.

Woodblock/Parquet/Thermoplastic Tiles

Make sure these floors are solid; fix any loose tiles and remove any surface polish/sealer.

These products should be removed if installed directly to earth, bitumen/cutback/ATA or pitch. Then prepare the floor to the applicable standard.

Resilient: Linoleum/Sheet Vinyl

GlueDown can be installed over these products provided the surface is securely fixed and cleaned to remove all contamination including polishes and dressings.

Metal and Painted Floors

Fully remove any loose paint or other finishes.

Raised Access Floors

Ensure raised access panels are firm, level, smooth, clean and free from defects/contaminants. Raised access panels should be in accordance with EN 12825 or equivalent: gaps between panels should not exceed 1/32" (1 mm). The overall floor to be level within 1/16" (1.5 mm) over a 16 ft (5 m) radius; unstable, uneven or poor-quality panels should be suitably repaired prior to installation; tiles should be set out such that their edges do not fall

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on or close to the edge of the raised access panel. No responsibility will be accepted for any joint telegraphing through the tile either as a 'ridge' or a 'valley'.

Other Floors

Consult your supplier.

Underfloor Heating and Services

It is possible to install this product over floors incorporating underfloor heating, but these must be controlled to keep the temperature at the interface between the backing and subfloor surface at no more than 85°F* (27°C).

Electrical underfloor heating: please consult manufacturers to ensure their system is compatible with this flooring. Mesh/wire systems must be installed according to the manufacturer's instructions: embedded into a basecoat of appropriately reinforced smoothing compound in a single coat to a minimum depth of 3/8" (10 mm), OR in two separate 3/16" (5 mm) coats, (primed in between coats).

The room temperature must be between 65-85°F* (18-27°C) prior, to and during installation.

Note: The system must be switched off 48 hours before, during, and for 48 hours after the installation; then the temperature should be gradually increased - typically 4°F (2°C) - per day to the desired temperature.

Important: Care must be taken to avoid damage to the floor caused by localised 'hot spots/thermal blocks'. In particular, consideration must be given in placing rugs, and items of furniture which do not allow hot air circulation. No responsibility for damage to floor tiles can be accepted under these circumstances.

Installation

Before starting the installation remove all debris and/or dust, ensuring that the floor is clean.

GlueDown must always be installed tight to the wall and to each adjacent tile/plank, using one of the following three options:

1. Rooms smaller than 170 sq. ft. (16 m²)

Check that room edges are solid. Then all thresholds, openings, kick boards, areas where tight fitting is not possible (e.g. under kitchen units) should be edged with a 4" (10 cm) strip of our appropriate adhesive**. Then install the tiles/planks.

2. Rooms larger than 170 sq. ft. (16 m²)

In rooms with any wall longer than 13' (4 m) the perimeter of the room requires a 4" (10 cm) strip of our appropriate adhesive**. This should be applied to the subfloor at 13' (4 m) distances parallel to each perimeter wall, covering the floor in a grid system. (Apply our appropriate adhesive** to edges of areas where tight fitting cannot be achieved - see 1. above).

Alternatively, a full spread of our appropriate adhesive** can be used. This is advised when installing 36 x 36" (914.4 x 914.4 mm) tiles.

3. Heavy Traffic Areas

In areas of high traffic (e.g. high footfall entrances, high frequency wheeled traffic) tiles/planks should be installed with a full spread of our appropriate adhesive**.

Exclusions: Extreme temperature fluctuations (e.g. Sunrooms/conservatories/areas adjacent to panoramic/ floor to ceiling glazing):

- Where the subfloor is shown to be dry, a full spread of our appropriate adhesive, designed for high temperature use, should be used.

Taking Care of your Floor

- Regularly sweep the floor to remove loose dirt or grit as these can cause fine scratches.
- For a thorough clean, a range of pH neutral cleaning products are available ("Clean", "Remove" and "Refresh"). Avoid the use of regular household cleaners and bleach-based detergents. These could make the floor slippery or cause discolouration.
- Always mop up spills as soon as possible, to reduce the risk of slipping and possible staining.
- Use entrance mats to protect against grit and moisture. Ensure they are of non-staining variety (not rubber-backed) to prevent any discolouration of the floor.
- Avoid sliding or dragging furniture or other objects across the floor - use floor protector pads to prevent scratching.
- Use large castor cups or other means to protect against indentation from heavy furniture.
- Maintain room temperature between 64-85°F* (18-27°C) for optimum performance.
- Do not subject GlueDown to standing water. This will present a slip hazard.
- Care must be taken when using underfloor heating to avoid damage to the floor caused by localised "hot spots/thermal blocks". Care must also be taken in placing rugs, and items of furniture which do not allow hot air circulation.
- Floor care guides are available from your supplier or the website.

* ASTM standards require installation in range 65-85°F; elsewhere the temperature should be 18-27°C.

** For UK, Europe and Australia this will be tackifier/tape or pressure sensitive adhesive.

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