



## Marmoleum Click Installation

Click Panel Dimensions. . . . . 12" x 36" approx. (900mm x 300mm)

Click Square Dimensions. . . . . 12" x 12" approx. (300mm x 300mm)

### Structure:

Total Thickness. . . . . 9.8mm

Surface. . . . . 2mm Marmoleum

Base Material . . . . . 6.8mm HDF

Backing . . . . . 1mm cork

Carton Contents . . . . . 7 panels for 20.3 sq. ft. (1.89m<sup>2</sup>)

7 squares for 6.7 sq. ft. (0.63 m<sup>2</sup>)

### general information:

Marmoleum Click has a top layer of Marmoleum, which is made from predominantly harvestable natural raw materials and is processed according to an environmentally friendly procedure. Its main ingredient is natural linseed oil, which is mixed with wood flour, rosin and limestone. Marmoleum receives its color from ecologically responsible pigments. Pressed onto a jute fabric under high pressure, an extremely durable and environmentally friendly flooring is produced. As Marmoleum is made from natural raw materials, slight color and structural differences are possible between the production batches, samples and the goods to be delivered.

As Marmoleum completes its maturing process, a temporary variable natural phenomenon occurs which may give the product a yellowish cast. Exposing the product to either natural or artificial light causes the yellowing to disappear and the true color of the Marmoleum to develop.

### getting started:

**IMPORTANT:** The Marmoleum Click boxes should be stored flat, and unopened, for approx. 2-3 days (approx. 6 days in winter) in the center of the room in which they are to be installed.

Tools and Materials Required: Hammer, straight back hand saw, keyhole saw or jigsaw, tape measure, pencil, fitting wedges, tapping block, angle or adjustable bevel, and underlayment foam (for concrete subfloors).

The ambient room temperature should be at least 68° F or 20° C and the ambient relative humidity approx. 50-60%. To maintain the long term value of Marmoleum Click, we recommend the use of a humidifier to avoid extreme drying out during the heating season. The panels should be inspected for manufacturing defects prior to installation.

Marmoleum Click can be installed on any clean, dry, structurally sound subfloor. The subfloor must be flat to within 3/32" in 6' (2mm in 2M). For concrete subfloors, internal relative humidity should be a maximum of 75%

(tested in accordance with ASTM 2170) and moisture vapor emission must not exceed 3 pounds per 1000 square feet in 24 hours (tested in accordance with ASTM 1869).

When installing over a concrete subfloor or any subfloor with underfloor heating, always cover the subfloor with a vapor barrier. The edges of the vapor barrier should extend up the walls at least 2" with a minimum overlap of 8" at the seams.

**IMPORTANT:** Please note that a gap of 3/8" (10mm) is required for expansion on all sides between the floor construction and the wall. This distance must also be provided at all columns, heating pipes, steel door frames, etc.

**For Bathrooms or other areas at risk for spills:**

Marmoleum Click is resistant to water, but it is not waterproof. It is important to minimize any opportunity for damage by cleaning spills immediately. It is also very important to take measures during the installation that will prevent water or moisture from getting underneath the Marmoleum Click.

1. If a floor drain or sump pump is present, it is there for a reason. **DO NOT INSTALL** Marmoleum Click on that level.
2. All expansion spaces, such as between the Marmoleum Click and walls, the doorway transition or other fixed objects such as pipes for radiators, sinks, or toilets, **MUST** be sealed with 100% mildew-resistant silicone.
3. Spills should not remain on the surface of Marmoleum Click longer than 30 minutes.

Marmoleum Click is installed without any need for glue. Marmoleum Click can be installed by placing the tongue into the groove as well as the groove into the tongue, however it is easier to work so that you are placing the tongue into the groove.

1. Inspect each panel for damage prior to installation.
2. The first row of panels is installed along the wall, whereby the first panel is positioned in the left-hand corner of the room. It is recommended to install the panels perpendicular to incoming light from the (main) window. Use spacers to maintain a gap of 3/8" at the wall.

Saw off the tongue of the first panel, both on the short as well as on the long side, which will be placed next to the wall. For all the other panels which are laid in the first row, only the tongue on the long side is sawn off. The panels are installed with the sides where the tongue has been sawn off facing the wall.

Please note the following when sawing the panels: If using a hand saw, the Marmoleum (decorative) side must be facing upwards. If using a power saw, the direction of the blade must cut into the Marmoleum side of the board.

3. The second panel is now positioned with the tongue of the short side against the groove in the already installed panel and the opposite end slightly raised. The raised end of the panel is then lowered, clicking the panels together. Using the same procedure, continue installing panel after panel, over the whole width of the room. The last panel is cut to length, being sure to leave a 3/8" gap at the wall. The panels in the first row must be perfectly straight.

4. The fitting wedges are then placed against the long side of panel 1 (row 1).

5. To begin installing the second row, cut a panel to a length of approx. 24". Leaving a 3/8" gap at the wall, place this panel on the fitting wedges and push it against Row 1. The next complete panel is then positioned with its short end fitted neatly into the previous panel with more fitting wedges also placed underneath it. The panel is then pushed tightly against the previously installed row.

Proceed in this manner across the width of the room, fitting the last panel with a 3/8" gap at the wall. When the entire row has been positioned, remove the fitting wedges and push the whole row against the previous row and downward so that it clicks into the previously installed row.

6. The panels are now installed row after row in the same manner. Please note that it is important to stagger the end joints a minimum of 12" and to leave a minimum 3/8" gap at all vertical obstructions.

7. Cut the panels for the final row to size, making sure to allow for a 3/8" gap to the wall. Where there are no obstructions, the final row can then be installed in the same manner as all previous rows. Where there are door moldings or other obstructions that the panels of the final row must slide under, remove the locking ridge from the groove side of the previous row. The final row can then be slid underneath the obstruction to allow it to lay flat, and then pulled back into position against the next to last row. The joint where the locking ridge has been removed must be secured using a wood adhesive.

After installation of the last panels, base or quarter round molding is installed to cover the expansion joints all around the room. The floor can be walked on immediately after installation.