

## Installation Guidelines: Forbo QuickFit (MDF Underlayment Panels)

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### General Installation Guidelines

- Forbo QuickFit may be installed on approved substrates on all grade levels.
- Areas to receive material should be clean, fully enclosed and weathertight. The permanent HVAC must be fully operational, controlled and set at a minimum of 68° F (20° C) for a minimum of seven days prior to, during, and seven days after the installation. The material should be conditioned in the same manner for at least 48 hours prior to the installation. Areas to receive flooring shall be adequately lighted to allow for proper inspection of the substrate, installation and seaming of the flooring, and for final inspection.
- Store Forbo QuickFit in cartons stacked and laying flat.
- The substrate must be sound, smooth, flat, permanently dry, clean, and free of all foreign materials including, but not limited to, dust, paint, grease, oils, solvents, curing and hardening compounds, sealers, asphalt and old adhesive residue.
- Always conduct moisture tests on **all** concrete substrates, regardless of age or grade level.
- Determine the moisture vapor emission rate (MVER) of the concrete by testing conducted in accordance with ASTM F 1869. The MVER of the concrete must not exceed 3.0 lbs. per 1,000 square feet in 24 hours. When moisture vapor emissions exceed these requirements, refer to the Moisture Limitor section of Forbo's Installation Guide for additional information.
- Determine the internal relative humidity of the concrete by testing conducted in accordance with ASTM F 2170. The internal relative humidity of the concrete must not exceed 75%. When moisture vapor emissions exceed these requirements, refer to the Moisture Limitor section of Forbo's Installation Guide for additional information.
- Always conduct adhesive mat bond tests before beginning the installation. Bond testing will aid in identifying both the working characteristics of the adhesive (open time and working time) for the site conditions, and also any potential bonding problems.
- Material should always be visually inspected prior to installation. If there are any questions regarding the quality of material, contact your local Forbo representative or Forbo Technical Services PRIOR to installation.  
**Any costs (including labor) associated with the replacement of material that was installed with visual defects that could have been seen prior to installation are not covered under warranty.**
- Ensure that all recommendations for substrate and jobsite conditions are met prior to beginning the installation. Beginning the installation is an implied acceptance of site conditions by the parties involved and liability for any failure directly related to inadequate site conditions becomes the responsibility of the installer and/or flooring contractor.
- Take pride in your work and be Professional at all times.
- For additional information, contact Forbo Technical Services.

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### Installation

1. For any areas that will exceed lengths of 33', an expansion joint must be made.
2. When installing on concrete slabs on or below grade, a laminate underlayment type vapor barrier should be used prior to installing the Forbo QuickFit.
3. When installing over wood subfloors or a raised access floor system, a laminate underlayment should be used to help improve acoustical properties of the flooring.  
**Note:** When installing QuickFit over a raised access floor system, it will be a permanent installation and will no longer provide access to the panels.
4. Forbo QuickFit panels are installed as a two-layer subfloor. The 3 mm panels are the first layer with the 4 mm panels as the top layer.
5. Cut the QuickFit from the top using a straight cutting blade. The panels can then be snapped on the line to remove excess material.
6. Keep a minimum of 1/4" perimeter gap between the panels and walls.
7. Starting at the shorter wall of the room, cut in half lengthwise the 3 mm panels and install along the wall with the colored adhesive side facing upwards (Figure A).
8. Install a row of full size 3 mm panels with the colored adhesive facing upwards against the first row of the cut panels with an overlap. It is ideal to install in a brick design (Figure B).
9. Place a row of full size 4 mm panels with the clear adhesive facing downwards overlapping halfway onto the second row of the cut panels.
10. Repeat the same procedures for each row until the job is completed.



Figure A

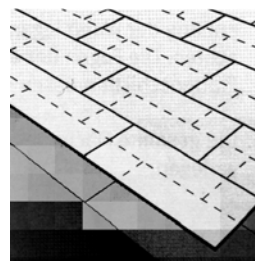


Figure B

Forbo's Installation Guide contains additional information on substrate evaluation and preparation, and is available for download at [www.forboflooringna.com](http://www.forboflooringna.com). For a hard copy, or for additional information, contact Forbo Technical Services at +800 842 7839.