

FAST FACTS

- The permanent HVAC must be on and set at a minimum of 68o F (20oC)
- Acclimate material to jobsite conditions a minimum of 24 hrs. prior to installation
- Use Forbo Linoleum T940 (US) or Forbo 414 (Canada) adhesive
- Use 1/16" square notch trowel
- Lay material into wet adhesive
- Roll with 100 lb. roller
- Install tile in alternating directions
- Install cartons in consecutive order
- Moisture emission not to exceed 5.0 lbs. per 1000 sq. ft. in 24 hrs.(US) or 3.0 lbs per 1000 sq. ft. in 24 hrs (Canada) as tested with a calcium chloride test kit (for moisture emission that exceeds these requirements please request information on Forbo Linoleum Moisture Limitor)
- A pH test should be conducted and should not exceed a pH of 10
- Always conduct an adhesive mat bond test, this will aid in determining the proper working time of the adhesive
- Use only portland base patching compounds and leveling compounds
- Heat welding optional; Use Marmoweld welding rod only.
- Do not chemical weld
- Do not install on wood subfloors built on sleepers over concrete, on grade or below grade
- Refer to Installation Manual for complete instructions
- Prevent heavy rolling loads and traffic for 72 hours
- It is recommended to wait at least 5 days prior to conducting initial maintenance, to allow curing of adhesive

GENERAL INSTALLATION INSTRUCTIONS

- Ensure that calcium chloride moisture tests have been conducted

and that the results do not exceed 5.0 lbs. per 1000 sq. ft. in 24 hrs. (US) or 3.0 lbs per 1000 sq. ft in 24 hrs. (Canada) as per ASTM F-1869-98.

- pH of concrete subfloor surface is not greater than 10.
- A bond test is conducted and passed.
- The permanent HVAC system turned on and set to a minimum of 68o F

(20oC) for a minimum of 72 hours prior to, during and after installation. After the installation, the maximum temperature should not exceed 100o

F. Do not stack more than 5 cartons high.

- Flooring material has been climatized to the installation area for a minimum of 24 hours prior to installation.

- Only Forbo Linoleum T940 (US) or Forbo Linotack 414 (Canada)

adhesive may be used.

- Use a 1/16" x 1/16" x 1/16" square notch trowel only.
- Material should always be visually inspected prior to

installation. Any material installed with visual defects will not be considered a legitimate claim as it pertains to labor cost.

- Make sure all material is from the same batch number. Mix tiles

from several boxes.

- Do not remove more tile from the box than can be installed in 1 hour.
- Take pride in your work and be **Professional** at all times.
- Ensure that all recommendations for subfloor and jobsite

conditions are met prior to beginning the installation. Once the installation is started, you have accepted those conditions.

LAYOUT AND INSTALLATION

- Marmoleum tile is installed using conventional tile installation techniques.
- It is customary to start from the center of the room. In corridors and

small spaces it may be simpler to work lengthwise from one end, using the center line as a guide.

- The center line is drawn as follows: a chalk line is snapped from

center of wall A-B(=E) to the center of wall C-D(=F). The center of line E-F is found (M). Draw a perpendicular line through M using the 3:4:5 method to establish G-H (Fig. 1).

- Starting at center point M, measure out lengthwise and widthwise to

the walls to make sure you will have at least a half of a tile at the border. Adjust lines E-F and G-H if necessary.

ADHESIVE APPLICATION

1. Use only the Forbo Linoleum T940 (US) or Forbo Linotack 414 (Canada) adhesive and a 1/16" x 1/16" x 1/16" square notch trowel.
2. In most cases, the tile should be placed immediately into the adhesive, before the adhesive has had an opportunity to dry. Good transfer of adhesive to the backing of the tile is essential for proper bond. The installer must understand, however, that subfloor porosity and room environment (temperature, humidity, air circulation etc.) may affect the working characteristics of the adhesive (open time and working time). When installing over non-porous substrates such as existing flooring, terrazzo, etc., a short open time may be appropriate, but under no circumstances should the adhesive be allowed to dry before placing the tile into the adhesive.
3. Immediately after placing the material into the adhesive roll in both directions with a 100 lb roller.

INSTALLATION

1. Begin laying tile at the center point, ensuring that the tile is laid exactly along the chalk lines. If the first few tiles are not installed correctly, it will affect the entire installation.

NOTE: Marmoleum tile has a directional pattern and should be installed in alternating directions (quarter turned).

2. Because linoleum tile must be installed into wet adhesive, do not spread adhesive in an area larger than tile can be installed while the adhesive is

still wet.

3. Since it takes time to scribe and cut the border tiles, it is advisable to spread adhesive first only where the full tiles will be laid. When the field is complete, scribe and cut the border tiles before the adhesive is spread. When fitting is complete, adhesive can be spread in the border area and border pieces can be installed and rolled while the adhesive is still wet.