MAPEI®

Floor Covering Installation Systems

Installing prefinished wood-parquet tiles on vertical surfaces

Parquet tile (sometimes called parquetry or wood-block flooring) is wood flooring that is composed of solid blocks of wood arranged into a pattern, typically within a square form.

Approved substrates

- Primed drywall

- Fully cured and primed gypsum-based patching compounds over drywall

- Fully cured masonry walls

- Fully cured concrete walls

- Fully cured cement-based patching compounds over masonry or concrete walls

- Walls that have been painted with water-based paints and that are in good condition and firmly bonded

Substrate conditions

All vertical substrates must be structurally sound, dry, solid and stable. They should be clean and free of dust, dirt, oil, grease, loosely bonded patching compounds, loose particles, old adhesive residues, any paint that is not water-based, and any substance that may prevent, reduce or affect adhesion or performance. Wallpaper, vinyl wall coverings, laminates, ceramic and porcelain tile, metal and similar nonporous finishes must be removed.

All wall surfaces must be even, flat and smooth. Most parquet tile manufacturers will recommend a flatness of 3/16" in a span of 10 feet (4.5 mm in 3.05 m) or 1/8" in a span of 6 feet (3 mm in 1.83 m). If patching or smoothing is necessary, use quality patching compounds to correct surface flaws and imperfections before the installation of parquet tiles. Allow patching compounds to dry completely before the application of other products.

Masonry and concrete walls must be free of hydrostatic pressure and any moisture issues. Do not install parquet tiles on basement walls.

Consult MAPEI's Technical Services Department for installation recommendations regarding substrates and conditions not listed.

Installation guidelines

As a natural product, wood is affected by changes in temperature and humidity. Therefore, allow proper acclimation of the wood parquet tiles. Follow the written instructions of the parquet flooring manufacturer regarding proper acclimation.

1. Read all installation instructions thoroughly before installation.

2. Determine a true-level line and starting point on the wall. Use a chalk line or pencil to mark these.

3. Apply MAPEI's *Ultrabond ECO® 575* adhesive smoothly, evenly and completely to the wall surface using a 3/16" x 5/32" (4.5 x 4 mm) V-notch trowel in horizontal strokes only. Do not spread more adhesive than can be covered within 30 to 45 minutes. If the adhesive begins to skin over, remove and reapply fresh adhesive.

4. Place a starter row of wood parquet tile along the starting line and press the tiles firmly into the adhesive bed. Continue placing tiles until the application area is covered.

5. Adhesive transfer should be confirmed periodically by lifting the parquet tile. Ensure 100% adhesive coverage.

6. Protect the area from use or impact for at least 72 hours.

Note: Some heavy wood parquet tiles may require temporary mechanical support to keep them from slipping down the wall. This can be accomplished by placing thin nails (for example, 8D to 10D finishing nail) under the bottom row for support. Keep the nails in place for at least 4 hours after installation or until the tiles feel firmly bonded and unmovable.

Cleanup

Promptly clean any adhesive smudges from the material's surface with water while the adhesive is still fresh/wet.

Clean tools with water while the adhesive is still fresh/wet. If dried, adhesive should be removed cautiously with mineral spirits, which may be harmful to some finishes.
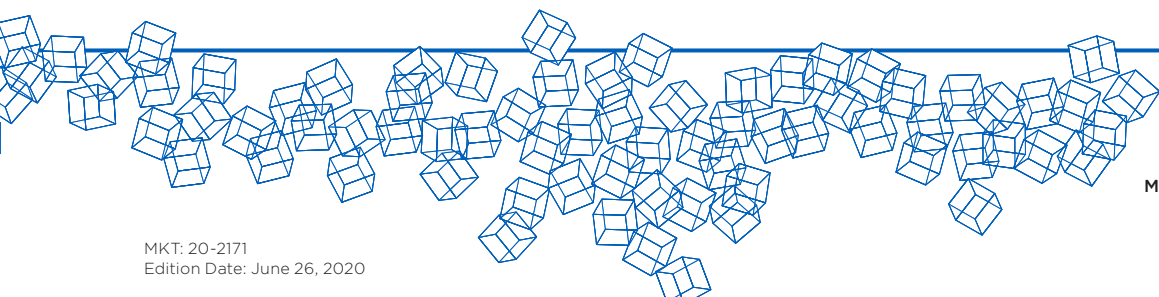
Maintaining the installation

Refer to the parquet manufacturer for recommended care and maintenance procedures.

Building owners should be advised of the parquet manufacturer's guidelines for climate-control settings (temperature and humidity). These conditions must be monitored and kept constant in order to ensure the overall performance and long-term success of the installation.

For the most current installation instructions, Technical Data Sheets and Safety Data Sheets, always refer to MAPEI's Website at www.mapei.com.

For additional information, please contact MAPEI's Technical Services Department.