

# Ovations™

## Luxury Tile

by Congoleum®

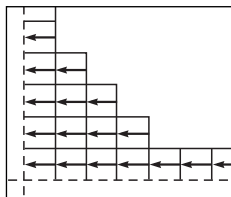


Fig. 1



Fig. 2



Fig. 3



Fig. 4

### INSTALLATION INSTRUCTIONS

The following is an overview of the subfloor and installation recommendations for Ovations Luxury Tile.

#### OVERVIEW

- Ovations can be adhered directly to approved subfloors or installed over UnderFlor as a floating installation system. Ovations can be installed with or without grout, depending on the desired appearance.
- **Grouted floors** are laid with space at the joints depending on the desired grout line width. The floor can be grouted immediately after installation with Congoleum DuraCeramic Premixed Grout. Do not use cement, epoxy or other premix grouts.
- **Ungrouted floors** are laid with no space at the joints.

#### REQUIRED INSTALLATION ACCESSORY MATERIALS

- DS100 DuraSet Adhesive - For all approved subfloors
- DuraCeramic Premixed Grout - For grouted floors only
- Congoleum UnderFlor - Floating underlayment system – Optional

#### GENERAL INFORMATION

- Ovations is recommended for interior residential use.
- Always store and transport cartons on a flat surface stacked no more than 10 cartons high.
- Do not install at a temperature higher than 85°F (29°C).
- Condition the room(s) and all flooring and setting materials at a constant temperature between 65°F (18°C) and 85°F (29°C) for 48 hours prior to, during, and 48 hours after installation. Thereafter, maintain a room temperature between 55°F (13°C) and 100°F (38°C).
- When installing tile from two or more cartons, ensure that the pattern and shade numbers are the same. Mix tiles from several cartons to achieve the best appearance.
- **Make sure all directional arrows on the back of the tile are pointing in the same direction. (Fig. 1)**

#### SPECIAL INSTALLATION TOOLS

Notched Trowel ( 1/16" wide, 1/32" deep, 1/32" apart); 100-pound, three-section, steel roller; 18" tile cutter- optional.

#### SUBFLOOR RECOMMENDATIONS

- Ovations may be installed directly over dry concrete on all grade levels, suspended wood floors, qualifying old resilient floors, ceramic tile and terrazzo. Ovations can also be installed over UnderFlor, an optional floating underlayment system by Congoleum.
- The subfloor must be smooth clean, dry and free of dust or other extraneous material that will inhibit bonding. Thoroughly vacuum the floor to remove dust.
- **Deviations in the flatness of the subfloor cannot exceed 1/16" in 1' or 3/16" in 10'.** Check the floor with a straightedge and fill low areas with a portland cement-based latex patching compound. Gypsum-based patching compounds are not recommended.

#### EXISTING RESILIENT FLOORS

**⚠ WARNING - DO NOT SAND, DRY SWEEP, DRY SCRAPE, DRILL, SAW, BEADBLAST OR MECHANICALLY CHIP OR PULVERIZE EXIST-**

ING RESILIENT FLOORING, BACKING, LINING FELT OR ASPHALTIC "CUT-BACK" ADHESIVE, OR OTHER ADHESIVE. THESE PRODUCTS MAY CONTAIN **ASBESTOS FIBERS** AND/OR **CRYSTALLINE SILICA**. AVOID CREATING DUST. INHALATION OF SUCH DUST IS A CANCER AND RESPIRATORY TRACT HAZARD. SMOKING BY INDIVIDUALS EXPOSED TO ASBESTOS FIBERS GREATLY INCREASES THE RISK OF SERIOUS BODILY HARM. UNLESS POSITIVELY CERTAIN THAT THE PRODUCT IS A NON-ASBESTOS CONTAINING MATERIAL, YOU MUST PRESUME IT CONTAINS ASBESTOS.

| Subfloor Surface   | When Installed over Underflor  | When Directly Adhered to Subfloor   |
|--|--|---|
| Suspended Wood subfloor over joist or trusses up to 19.2" OC                       | <ul style="list-style-type: none"> <li>• Single layer Sturd-I-Floor rated panel 23/32" or heavier</li> <li>• Double layer construction, minimum 1" thick</li> </ul>                                    | Double layer construction, minimum 1" thick with suitable underlayment panel. Do not install directly adhered over oriented strand board or particle board  |
| Wood Underlayments   | Plywood and other hardwood veneer panels, oriented strand board, NPA rated particle board  | APA rated Underlayment grade plywood and other underlayment grade veneer panels   |
| Concrete, on, above and below grade  | With vapor emissions up to 5 pounds.   | With vapor emissions up to 5 pounds   |
| Lightweight Concrete and Gypsum Topping with a minimum 2000 psi compression rating | Preferred Method - Must be smooth, dry and in sound condition. Repair all cracks and damaged areas.  | Must be smooth, dry and in sound condition. Repair all cracks and damaged areas. Seal with a sealer/primer recommended by the topping manufacturer. A bond test is recommended. Do not install over powdery surfaces.                                   |
| Radiant Heated Floors  | Preferred Method   | Grout cracking may occur with wide temperature fluctuations.  |
|  | The temperature of the floor should be limited to 70°F (21°C) for 24 hours before, during and 48 hours after installation. Thereafter the maximum floor temperature should not exceed 85°F (29°C)      |   |
| Existing Resilient Flooring and Tile   | Must be single layer, fully adhered and in good condition. Do not install over heavy cushioned or cushioned backed flooring or tile installed below grade.<br><b>Note:</b> Refer to Warning Statement. | Must be single layer, fully adhered, and in good condition. Do not install over heavy cushioned or cushioned backed flooring, tile installed below grade or self adhering tile. Remove wax or polish and level embossed areas with an embossing leveler |
| Ceramic, Marble and Granite  | Tile must be well bonded. Grind high spots and fill low areas to a smooth surface with a latex modified portland cement underlayment   |   |

Various federal, state and local government agencies have regulations covering the removal of in-place asbestos containing material. If you contemplate the removal of a resilient floor covering structure that contains (or is presumed to contain) asbestos, you must review and comply with all applicable regulations. Regulations outside the United States may vary.

Copies of the Resilient Floor Covering Institute (RFCI) Recommended Work Practices for the Removal of Resilient Floor Coverings are available from:

Resilient Floor Covering Institute  
401 East Jefferson Street  
Suite 102  
Rockville, MD 20850

## FLOOR LAYOUT

- Divide the room into equal quadrants with chalk lines and make a dry layout. Adjust the lines to achieve a balanced layout.
- It is important to avoid positioning the tile joints directly over underlayment joints or seams in UnderFlor or existing flooring. If this should occur, reposition chalk lines to offset joints by at least 3".

## ADHESIVE APPLICATION

Congoleum DS100 is a pressure sensitive adhesive that must be allowed to dry completely to a tack before setting tiles.

- Apply the adhesive with the trowel blade included with the adhesive. The recommended trowel notch is 1/16" wide, 1/32" deep, 1/32" apart. (Fig.2)
- Spread the adhesive over one-half of the subfloor and a few inches beyond the center chalk line.
- Allow the adhesive to dry to a tack before installing tile. Normal dry to tack time is about 45 to 60 minutes, longer in cool or humid conditions. The adhesive will turn from light blue to clear when tacky dry and will not transfer to the finger when firmly touched. Do not use fans to accelerate adhesive drying time.
- Tile must be installed within 12 hours after adhesive turns clear.

## TILE INSTALLATION

- Carefully position the first tile into the adhesive at the intersection of the chalk lines. The tile will bond instantly on contact, so it must be positioned accurately without sliding it. Press the tile firmly into the adhesive. Follow the procedures below for grouted or ungrouted floors.
- **Grouted Floors** - When installing Ovations as a grouted floor, use spacers to maintain the joint width. Ovations or 1/8" tile cut into 1" squares work very well as spacers depending on the desired grout line width.
- Position two spacers along the edges of adjacent tiles, then lay the next tile gently against the spacers without forcing it into place (Fig. 3). Continue to set the tiles in straight rows to complete each section. Follow the chalk lines to keep the joints straight and make minor adjustments if necessary. Remove spacers immediately after setting each tile.
- **Ungouted Floors** - When installing an ungrouted floor, continue setting the tiles in a stair-step pattern along the center and perpendicular lines (Fig. 1). Hold tile in a low angle to the floor and position it tightly against the previously laid tile with the corners lined up (Fig. 4). Press it firmly into the adhesive. Continue working toward the walls to complete each quadrant. Check to make sure corners are lined up and adjust if necessary to prevent run-out.
- **Grouted and Ungouted Floors** - Spread the adhesive on the second half of the floor so it can dry while you are cutting and fitting the last row of tiles along the wall. Complete the second half of the room following the same procedures.
- **Roll the floor** slowly in both directions with a 100-pound three section roller within one hour after setting the tiles. Re-roll the entire floor immediately before applying grout.

## CUTTING TILE TO FIT

- The last row of tiles will need to be cut to fit to walls and other vertical surfaces. Allow a 1/8" space for expansion, between the edge of the tile and the wall. Remember to subtract the grout line dimension for grouted floors.
- **Straight Cuts** - Measure the distance between the last whole tile and the wall. Subtract the dimensions for the grout and expansion space. Use this dimension to mark the tile. Place a square or straightedge over the marks and score the surface with a sharp utility knife. Break the tile over the score mark by flexing it downward. Install the tile with the cut edge against the wall.
- **Irregular Shapes** - Warm the tile with a hot air gun. Score the surface with a sharp utility knife and break the tile over the score mark by carefully flexing downward.

## GROUT APPLICATION

Ovations can be grouted immediately or within 24 hours after setting. Grouted floors must be rolled twice. Re-roll the floor just before grouting and check to make sure all edges are tightly seated in the adhesive. The joints must be clean and dry. Remove any adhesive smears from the surface and edges of the tile before continuing.

### Grout Application - Tools and Equipment

- Hard, rubber float
- Firm, square-edge sponge
- 3M® white nylon scrubbing pad
- Spray bottle of water
- Water buckets
- Rubber gloves
- Safety glasses
- DuraCeramic Installation Accessory Kit- Optional
- Follow the detailed application instructions found on the grout container label. Apply grout in small sections, up to 20 square feet and clean up immediately before grout films over (approximately 5 minutes).
- Keep all traffic off newly installed floors for 24 hours. Resume normal traffic after 48 hours.

## IMMEDIATELY AFTER INSTALLATION

- Install or replace base moldings and return furniture to the room by rolling or sliding it over strips of hardboard.
- Use acrylic caulking at bathtubs, showers and other wet areas to prevent water from seeping under the floor.
- Wait 48 hours before damp mopping the floor and at least 5 days before wet mopping or washing. Adhesive smears can be removed with mineral spirits. **Caution:** Solvents are hazardous materials and should be used with caution in accordance with the manufacturer's label instructions.

## IMPORTANT CONSUMER INFORMATION How to Care for Your New Congoleum Ovations Floor

## PREVENTIVE CARE

- Make sure furniture legs have large surface, nonstaining floor protectors. Replace small, narrow metal or dome-shaped glides with smooth, flat glides that are in flat contact with the floor. Glides should be equipped with self-adhesive felt pads to avoid scratching the surface of the floor. The pads should be checked periodically for grit and wear and replaced when necessary.

- Heavy furniture or appliances that are not moved often should be equipped with flat, nonstaining composition furniture casters or cups of appropriate size - available in square from 1 1/2" to 2 5/8" and in round from 1 3/8" to 1 5/8".
- Mobile appliances and furniture should be equipped with easily swiveling casters. They should be at least 2" in diameter with non-staining hard rubber treads at least 3/4" wide. Do not use ball-shaped casters.
- Place mats at outside entrances to prevent dirt, grit and soil from being tracked onto your floor.

**Caution:** Ovations like other types of hard-surfaced floors, can become slippery when wet. Allow time for the floor to dry after washing. Immediately wipe up wet areas from spills or wet feet. Place mats at outside entrances to prevent water, snow or ice from being tracked onto your floor. Improper polishes or finishes can also cause slipperiness.

#### REGULAR CARE

- Sweep or vacuum regularly to remove grit and sand that can abrade, dull or scratch your new floor. Do not use a vacuum with a beater brush, because it may damage the floor's surface.
- Wipe up spills promptly with a damp cloth or mop.
- Wash your floor with Congoleum Bright 'N Easy No-Rinse Cleaner or other non-detergent floor cleaner.

**Caution:** Avoid one-step "mop and polish" products, dishwashing liquids and oil-based cleaners. These may leave a residue which can attract dirt and dull your floor's finish. Avoid cleaners that contain

abrasives or solvents which may permanently damage your floor.

- A copolymer or acrylic grout sealer compatible with acrylic grouts may be used on the grout. Do not use a penetrating silicone sealer on the grout.
- The use of floor polish is optional for Ovations. Do not buff the floor.

For additional information contact:

Congoleum Corporation; Dept. C; 3500 Quakerbridge Road  
P.O. Box 3127; Mercerville, NJ 08619  
1-609-584-3000 • [www.congoleum.com](http://www.congoleum.com)

### WARRANTY

#### 20-Year Residential Limited Warranty

Congoleum provides a 20-year limited warranty that your floor:

- will be free of manufacturing defects
- will not wear out
- will not fade
- will not stain

The 20-Year Residential Limited Warranty covers materials for the period of the warranty and reasonable labor costs for the period of the warranty if professional installation was paid for when the original floor was installed.

The Residential warranty applies to Ovations Luxury tile only and excludes grout and installation services.

For complete warranty information contact Congoleum Corporation, Dept. C, 3500 Quakerbridge Road, P.O. Box 3127, Mercerville, NJ 08619. Our telephone number is 1-609-584-3000 and our web address is [www.congoleum.com](http://www.congoleum.com).

