

LUXURY VINYL TILE . INSTALLATION INSTRUCTIONS

24" X 24" (605 mm X 605 mm)

Applicable on all Divine branded luxury vinyl tile with WPC (Wood Plastic Composite) core and integrated IXPE underlayment with Drop Lock Profile

Please read all instructions carefully before attempting installation. Improper installation may void the warranty.

PRODUCT USE

Passage may be installed above, on or below grade in a floating installation method or it may be installed on or above grade in a glue down installation.

The acceptable subfloors are plywood/OSB, concrete subfloor, or simply over an acceptable smooth, single layer, hard surface existing floor covering such as: Ceramic Tile, Resilient Tile, Sheet Vinyl, wood and laminate floors which are flat, clean, in good condition and well-bonded to subfloor.

Passage features a Drop Lock profile on the length and ends, for an easy and fast Floating Installation method.

Floating Installation saves you labor and material costs, eliminating nails/ staples, adhesive, solvent and cleaning; it also cuts down on board installation time and allows you to walk on your floor immediately after work completion.

INSTALLER AND OWNER RESPONSIBILITY

Prior to installation, the installer and owner must ensure that the work environment and subfloors meet or even exceed minimal specifications listed in this installation guide.

Standard trade practice allows for up to a 5% margin of error for imperfections and minor manufacturing defects. Prior to installat ion, the installer and owner should conduct a final inspection of products, for color, finish, sheen and manufacturing quality of tiles to ensure that the floor conforms to purchased product.

Once installed, any tile is considered as having been accepted by installer and owner, even if owner is absent at time of installation. When ordering Passage, it is recommended to order an additional 5% square footage for allowance of cutting waste.

WARRANTY

Structural Limited Residential Warranty.

DIVINE Flooring guarantees the original purchaser a 25 Years (Twenty-five) limited warranty on the structure of the flooring tiles. The residential warranty is valid if the site environmental conditions are met, including and maintaining recommended temperature and relative humidity. Subfloor pre-installation evaluation, moisture content level requirements, subfloor preparations and subfloor leveling must all meet DIVINE Flooring requirements specified in this document.

FLOOR CARE PREVENTION TIPS

For information on floor care protection, prevention and maintenance, consult DIVINE Flooring Luxury Vinyl Flooring Maintenance Instructions on our website divinefloor com

NOTE: Passage has an integrated IXPE underlayment that will help to correct minor subfloor imperfections, provides acoustical comfort (sound abating properties) and underfoot comfort. It is also suitable for use with radiant floor heating.

RECOMMENDED TOOLS, MATERIAL AND ACCESSORIES

(Floating Installation)

- · Vacuum cleaner or broom
- Scraper
- Safety glasses
- · Rubber mallet
- Tapping Block
- Square 16" x 24"
- · Measuring tape
- Chalk line
- Pencil
- Utility knife
- Leveling bar
- Level
- Leveling compound [optional]
- #20 grit sand paper [optional]
- Wood and/or concrete moisture meter
- Drill
- Hand saw
- Miter saw (optional)
- · Jig saw
- Expansion wedges or spacers
- SURFACELIFT™ maintenance kit

RECOMMENDED TOOLS, MATERIAL AND ACCESSORIES (Glue Down Installation)

In the case of a glue down installation, the following additional items are required:

 Use BOND™ FLEX pressure sensitive adhesive, refer to manual on divinefloor.com for recommended trowels, roller and spread rates.

Transition accessories including reducers, t-molding and quarter rounds are available from your DIVINE Flooring retailer or authorized dealer and at DIVINE Flooring

Note: Passage may be installed with a direct glue-down method on approved wood subfloor or concrete subfloor. Use only BondTM Flex - multipurpose flooring adhesive for Passage as per consultation with Divine Authorized Dealer for suitable material selection.

Note: DIVINE Flooring cannot be held responsible for any floor damage resulting from use of inadequate tools or accessories, differing from those recommended.

HANDLING AND ACCLIMATION

The Installation of **Passage tiles** does not require acclimation. However, it is recommended to install in rooms with temperatures between 55°F & 90°F (13°C & 32°C). The HVAC system must be on and functional before, during and after installation. Product should be stored horizontally in a dry area away from direct sunlight. Do not leave next to heat or cooling ducts. Allow the product to reach room temperature before installation.

Do not install Passage tiles where it will be exposed to temperature greater than 140°F [60°C].

PRE-INSTALLATION CHECK LIST / BASIC REQUIREMENTS

- Ensure that all trades have been completed to eliminate dry wall dust, paints, etc.
- To avoid any moisture related damages, subfloor must be dry and basement well ventilated.
- For below grade installation, ensure that foundations, concrete slab or any
 adjacent objects are thoroughly leak proof. Surface drainage directing water
 away from the house or building. All gutters and downspouts should be in place.

OVER RADIANT HEAT INSTALLATION

Installation over subfloors equipped with radiant heat systems is possible. The radiant heat components must have a minimum of ½" (13 mm) separation between the flooring product.

The radiant heat system must have been tested and in operation for 45 days prior to installation. The flooring surface temperature should never exceed 85°F [30°C]. Use of an in-floor temperature sensor is recommended to avoid overheating.

If you glue down the Passage tiles over a radiant heat system, you must make sure the radiant heat system is embedded into the subfloor.

- Turn off the heat for 24 hours before, during and after installation
- Floor temperature is raised gradually after installation, in 5-degree increments per day and must never exceed 85°F (30°C)

Warning: Electric heating mats must be embedded into the subfloor underneath Passage tiles. Such use could void the warranty for your floor in case of its failure.

SUBFLOOR MOISTURE LEVEL EVALUATION

Passage tiles are water/moisture resistant; however, excessive moisture in the subfloor may promote mold, mildew, and other moisture related issues like the trapping of moisture emissions under the flooring, which may contribute to an unhealthy indoor environment.

Wood Subfloor:

Wood subfloor moisture reading must not exceed 10%. Wood moisture meters are available at DIVINE Flooring Showroom locations and from your DIVINE Flooring Authorized dealer. If moisture reading is too high, postpone installation, find moisture source and correct it. If needed, raise heat and increase ventilation until proper subfloor conditions are met.

Concrete Subfloor:

Prior to installation, concrete subfloor should preferably be 45 to 90 days old. Concrete moisture meter must be used to check subfloor moisture level; if the results exceed 3.5%, calcium chloride test must be performed. The concrete subfloor moisture content must not exceed 3 lbs / 1,000 sq. ft / 24 hours. If the reading exceeds 3 lbs, use a complete moisture-proofing system [sealer and adhesive] compatible with the selected adhesive.

Please refer to the manufacturer's documentation for the selected products for information on their warranty, product limitations, and installation recommendations

Owner and installer are solely and jointly responsible for pre-installation subfloor moisture level evaluation and must ensure that all conditions and/or specifications listed in this guide have been thoroughly met prior to installation of Passage tiles.

SUBFLOOR PREPARATION

All subfloors must be structurally sound, flat, dry and clean. The correct preparation of the subfloor is a major part of a successful installation.

Structurally Sound: Thoroughly inspect and replace existing floor or subfloor that shows evidence of water damage or structural weakness. Concrete subfloor must be just as structurally sound before installing Passage tiles and should be rated with a minimum compressive strength of 3000 psi.

Level / Flat: Subfloor surface must be flat and maximum tolerance is 3/16" [5 mm] per 10' [3 m]. Subfloors should not slope more than 1" (2.5 cm) per 6' (1.8 m) in any direction. Voids or humps may prevent Passage tiles from locking properly. If necessary, flatten down any irregularities and high spots, using #20 grit paper, and fill low spots with a high-performance self-leveling compound to correct any uneven spots.

Dry: Subfloor must be dry and within moisture reading specifications.

Clean: Scrape, broom clean, vacuum and free subfloor from any debris or obstacles such as carpet staples, adhesive residue, or any other materials to ensure proper installation.

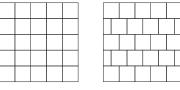
OVER EXISTING FLOOR COVERING

Existing sheet vinyl floors should not be heavily cushioned and should not exceed more than one-layer thickness. Installation is NOT allowed over any type of carpet.

Note: If you are laying Passage over existing tile, an existing floor that has heavy embossing and grout line, etc. it will be necessary to skim coat the grout lines or the embossing with a floor leveler.

INSTALLATION PREPARATION

- · Sketch your installation to avoid surprises. Decide starting point or wall.
- Determine the pattern of the installation choose from 4 Corner or Brick patterns.



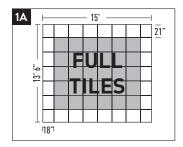
4 Corner Brick

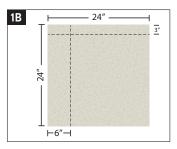
- Remove any quarter round, baseboard, doorsill and old floor covering, when necessary.
- Trim bottom of the doorstop with handsaw to insert boards underneath.
- To enhance the floor's look, work installation from several boxes (i.e. 3 to 5 boxes)
 of flooring at the same time, and mix tiles to ensure good variations in textures,
 colors and shades, and to arrange them in harmonious pattern.

NOTE: Use only glue down method for installation on stairs and vertical surfaces

FLOATING INSTALLATION INSTRUCTIONS

Wear your safety equipment and maintain a safe environment at all times





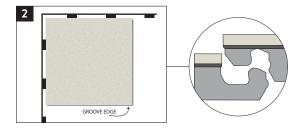
STEP1 ROOM LAY-OUT FOR 4 CORNER (POINT TO POINT) INSTALLATION

Divide length of room in inches by 24". If you have less than a full tile and want to balance out the room, add the remaining number of inches and one full tile (24") and divide by 2. This will give the size of the tile for your first and last row.

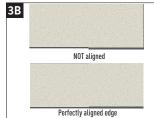
EXAMPLE: 15 ft long x 13 ft 6 in wide room

15 ft = 180 in: 180 in divided by 24 in = 7.5 rows or 7 full tiles and one at 12 in (first or last row). To balance the room, add 24 in + 12 in = 36 in divided by 2 = 18 in. This results in six full rows with your first and last rows being 18 in.

13 ft 6 in = 162 in: 162 in divided by 24 in = 6.75 rows or 6 full tiles and one at 18 in (first or last row). To balance off room, add 24 in +18 in = 42 in divided by 2 = 21 in. This results in 5 full rows with your first and last row being 21 in See *Figure 1A* for example of layout and *Figure 1B* for how the first tile should be cut.



2 1 **GUIDE** TILE

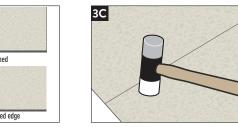


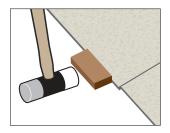
INSTALLATION USING THE STAIR STEP METHOD

STEP 2 Find your starting wall and set 1/4 in (6mm) spacers. Start in the lefthand corner and work left to right with the "groove" edge facing to the right and away from the starting wall, Image shown is a full tile installation. Your installation may require cutting tiles in your first row. See close-up of the tongue and groove locking mechanism.

NOTE: To cut tiles, measure and mark tiles with a pencil and straight edge for desired length or width (remember to always cut off the tongue sides of the tiles.

The cut edges are always placed against a wall). Use a utility knife with sharp blades, score twice on the line, bend and snap tile (use of a table edge or counter top edge for leverage to bend the tile is recommended). Back cut the attached pad on the bottom. If you are having difficulty using this method, you can use a jig saw, table saw, circular saw or miter saw to make the desired cuts.

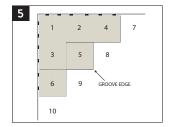




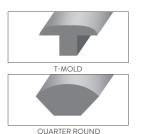
Install second tile to the right of the first tile. Lay the tongue of tile #2 on top of the groove of tile #1. DO NOT STEP 3 TAP DOWN. Use another tile or a straight edge as your guide to line up tiles 1 and 2 perfectly. See Figure 3A and Figure 3B. Then, using a soft-faced hammer, tap down on tile #2 to lock into place, Figure 3C. Tap from one end to the other. Run your hand over the top of the tile to make sure tiles are flush with each other. Tap down any high spots.

NOTE: Use a tapping block and soft-faced hammer to align tiles if needed.

Install tile #3 in the second row using the same method described in STEP 3. Make sure the tile is aligned perfectly before tapping and locking tile in place.



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Install tile #4 in the first STEP 5 row, then tile #5 in

second row, then tile # 6 in third row. This method of installation is called the "stair step method". This ensures the 4 corners align perfectly. Install the remainder of rows. Continue to follow the stair step method for the remainder of the installation.

Install the remainder of rows. STEP 6 Continue to follow the stair step method for the remainder of the

installation. **NOTE:** For "brick pattern" installations (half tile offset) follow the order of tile installation in the Figure. Stair step

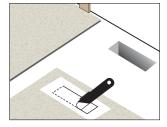
installation method. NOTE: If you need to remove a tile for whatever reason during installation. Slowly and gently tap down on the tile with the groove while lifting the tile with the tongue at the same time, being careful

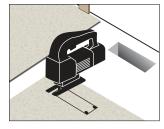
not to damage the tongue or groove.

FINISH THE JOB AND STEP 7 **INSTALL ACCESSORIES**

Remove spacers. Cover expansion space with quarter round or other trim, being sure not to trap or pin down the floor.

NOTE: Rooms larger than 80 feet in length require the use of coordinating T-molding transitions.





TIP: FITTING AROUND IRREGULAR OBJECTS

Simply make a pattern out of heavy paper to fit around pipes or irregular objects. Place the pattern on the tile and trace Figure on the left. Drill holes along the perimeter and using a jig saw, saw out the pattern by cutting from one vertex to the next Figure on the right. Be sure to leave a minimum of 1/4" (6 mm) expansion space around all fixed objects, cabinetry, and metal door jams. Undercut wooden door jambs. Fill any expansion spaces around potentially wet areas such as refrigerators, tubs, and appliances with premium waterproof 100% silicone.

GLUE DOWN INSTALLATION INSTRUCTIONS

For glue down installations, spread the adhesive with the appropriate notched trowel. Avoid excessive adhesive thickness by passing the trowel evenly through the adhesive at a 45-degree angle. Observe the appropriate flash time (if applicable). Lay the flooring into the adhesive, correctly position it and press down firmly. Be sure to check the back of the flooring to make certain good adhesive transfer from sub floor to flooring is achieved. Roll flooring approx. 30 min after installation with a 100 - 150 lb roller Push down raised edges approx. 30-60 min after installation.

POST-INSTALLATION

Set a few tiles aside in case of future repairs. In order to protect the floors while other trades are finishing their work prior to final cleanup, use Coverwalk™ and ONLY use 3M ScotchBlue 2080 Tape to hold to the Coverwalk™ along the perimeter. When installation is completed, vacuum floor thoroughly, spray light mist of DIVINE Flooring RENU Cleanser on terry cloth mop and wipe clean the floor. Install flooring protection in door entrance and under appliances and furniture, before moving into place. Furniture and appliances should be moved with hand truck or hand dolly over hardboard or plywood runways. Never slide appliances or other heavy furniture across the floor. Caster wheeled chairs should have wide, rubber casters. Oil and petroleum-based products can result in surface staining. Avoid exposure to long periods of direct sunlight. Floor covering subjected to excessive heat and light is subject to thermal degradation.

divinefloor.com

For more information, please contact your DIVINE Flooring Authorized Dealer or consult our website.

If the authorized dealer is unable to resolve your inquiry,
please contact our Technical Services Department at DIVINE Flooring directly by email or phone.

DIVINE FLOORING

Attn: Technical Services Department

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