

GARDEN STATE TILE

Together We Can Design For Life

2CM PORCELAIN INSTALLATION GUIDE



Lay-on installation

GST

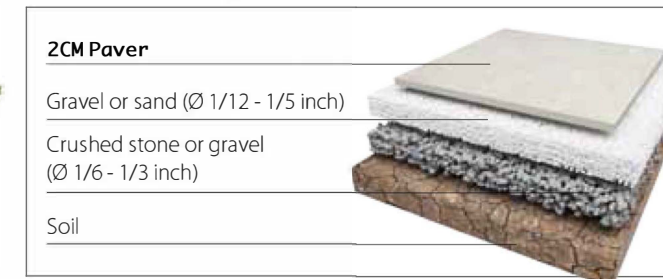
Installation on grass



Installation on grass can be performed in two ways:

- A) Direct:** set the tile on grass leaving 1 1/2 - 2 inches wide joints to allow the grass to grow. Results will be long lasting but stability will be subject to soil movements.
- B) On gravel base:**
- remove the grass from the area underneath
 - dig 2 inch deep in warm and dry climate, or deeper in cold or wet climates.
 - compact the soil.
 - fill the excavated area with gravel (size 1/6 - 1/3 inch) or sand and compact it.
 - dry set **2CM Paver**

Installation on gravel



Recommended for larger areas, for installation with thin joints or joints without grass.

- Excavate the soil at least 4 inch deep in warm and dry climate, or deeper in cold or wet climates.
- Compact the soil at the bottom and ensure it is sloped ($\geq 2\%$) to avoid stagnation of water.
- Optional - place a layer of geotextile to keep the gravel from sinking into the soil.
- Place and compact a layer of crushed stone or gravel (size 1/6 - 1/3 inch).
- Optional - place a layer of geotextile to separate aggregates.
- Place and compact a layer of fine gravel or sand (size 1/12 - 1/5 inch) to ease the leveling of the surface.
- Ensure the surface is level using a straightedge. A slight slope ($\geq 1\%$) is recommended to ensure proper drainage of the floor.
- Dry set **2CM Paver** leaving joints at least 1/8 inch wide. Tile spacers can be used to facilitate installation. Ensure the floor is level with a straightedge and use a rubber hammer to correct small differences in height.
- Fill the joints with very fine sand (size 0 - 1/8 inch) or polymeric sand.

Installation on sand



Installation on sand can performed directly:

- level and compact the sand
- dry set **2CM Paver**

Installation on concrete slab

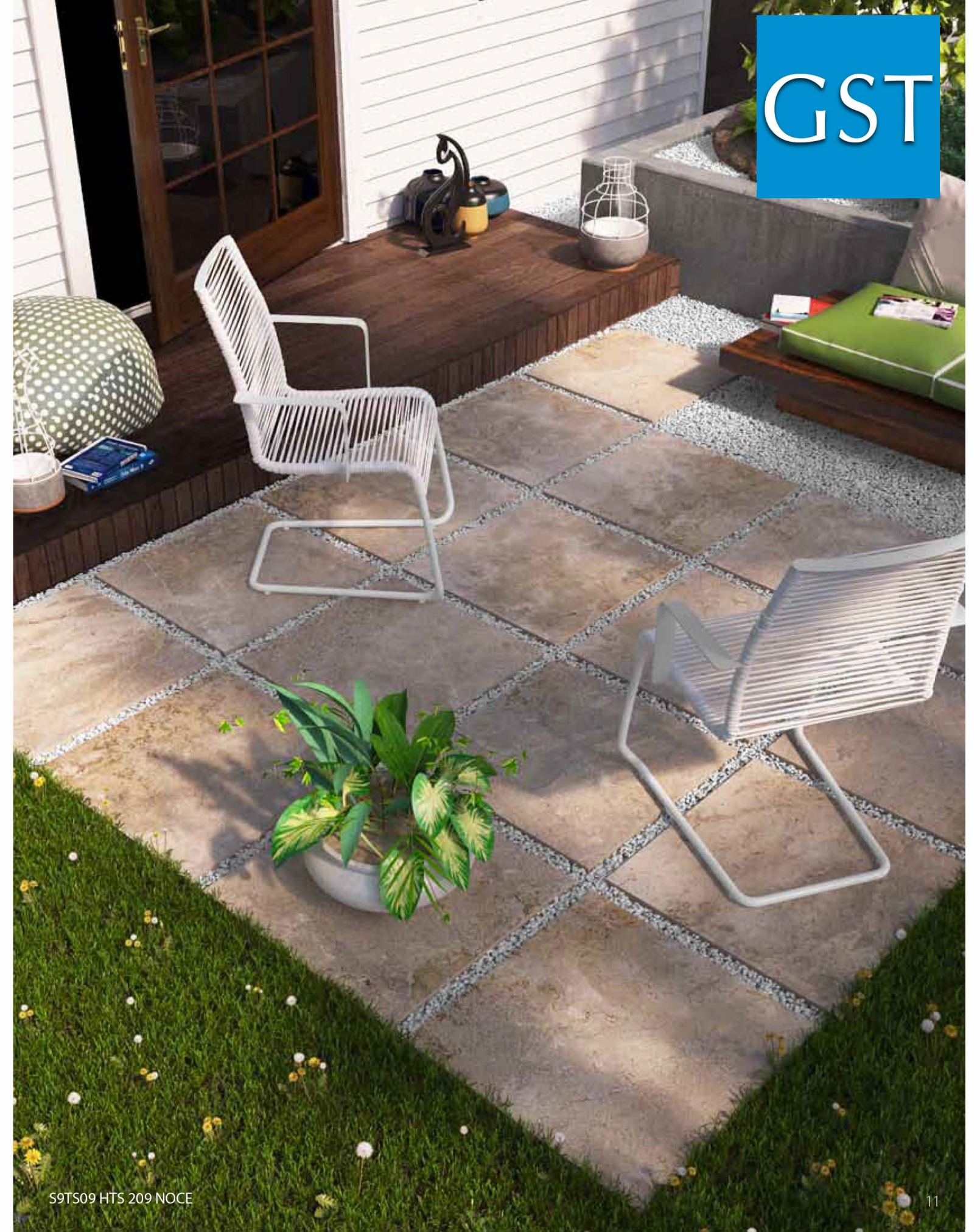


Installation with thin set on concrete slab recommended for areas open to vehicular traffic or subject to very high stress: leave joints at least 1/8 inch wide and respect expansion joints.

To install on concrete slab on ground:

- complete the digging and compact the soil
- Place a layer of crushed stone or gravel
- Place the slab including optional steel mesh
- Install **2CM Paver** with exterior-rated elastic adhesive

Note: Customer to verify acceptable uses for each project according to the presiding building code authority. Consulting qualified labor is always recommended. For raised or pedestal installation guide, reference - <https://gstile.com/product/bison-paver-tray/>



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