

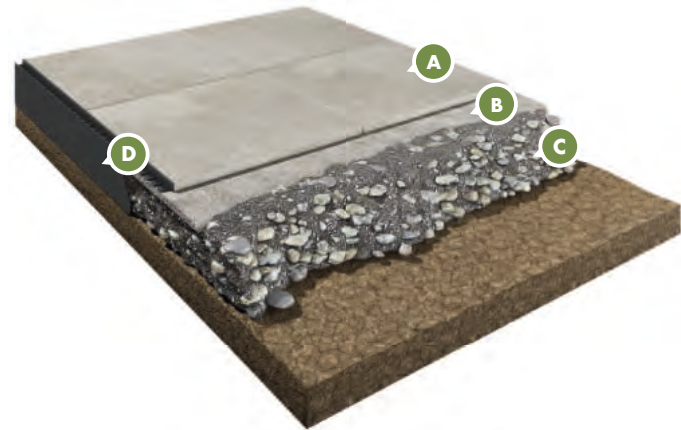
01.3 DRY LAYING ON SAND.

TYPICAL FLEXIBLE BASE INSTALLATION (PEDESTRIAN FOOT TRAFFIC)

PRACTICAL INSTALLATION

Follow the drawing below.

- Base material is to be over dug 6" to 8" beyond the edge of the pavement.
- The required edge restraint system is a low profile edge restraint with a vertical height of 1.5" (4 cm) as shown in the drawing.
- Insure that pavement is constructed with a 1" in 10' slope that it is pitched away from any building.
- Insure the plastic 3/16" (4 mm) spacers are installed at all corners of the installed pavers, in order to prevent pavers from touching each other (and potentially chipping) and to allow better water drainage.



- A** MBRICO PORCELAIN 3/4" NOMINAL (20MM) PAVERS
- B** 3/4" UNCOMPACTED BEDDING SAND
- C** 4-6" CRUSHER RUN/ROAD BASE
- D** FILTER FABRIC

OVER SAND BASE INSTALLATION (PEDESTRIAN FOOT TRAFFIC)

PRACTICAL INSTALLATION

Follow the drawing below.

- Filter fabric is recommended as it allows water to pass but not the particles of sand.
- 2-4" of a compactable sand is recommended. You can go with more however it will not offer any distinct advantage. Going with less than 2" may offer a less desirable effect as it will tend to hold more water and become "mushy" when super saturated.
- The use of an edge restraint is ideal but not necessary. It becomes more necessary if your desired paving area is above the surrounding native soil, as it will help aid in the minimization of sand migration or erosion.
- Insure the plastic 3/16" (4 mm) spacers are installed at all corners of the installed pavers, in order to prevent pavers from touching each other (and potentially chipping) and to allow better water drainage.



- A** MBRICO PORCELAIN 3/4" NOMINAL (20MM) PAVERS
- B** APPROX. 4" OF BEDDING SAND
- C** FILTER FABRIC

SAND SET OVER CONCRETE (PEDESTRIAN FOOT TRAFFIC)

PRACTICAL INSTALLATION

Follow the drawing below.

- The edge restraint system is 1 1/2" - 2" height profile.
- Ensure edge restraint into the concrete base made.
- Lay fabric directly on top of the concrete to contain sand and fold it up the front of the edging.
- Insure that pavement is constructed with a 1" in 10' and that it is pitched away from any building.
- Insure the 3/16" (4 mm) spacers are installed between all pavers, in order to prevent pavers from touching each other (and potentially chipping) and to allow better water drainage.



- A** MBRICO PORCELAIN 3/4" NOMINAL (20MM) PAVERS
- B** SAND BEDDING COURSE 1"
- C** FILTER FABRIC
- D** EXISTING OR NEW CONCRETE 4" MINIMUM
- E** 1/2" - 1" INCH DRAINAGE HOLES DRILLED 24 INCH ON CENTER
- F** PERIPHERAL RESTRAINT SYSTEM



Insure the plastic 3/16" (4 mm) spacers are installed at all corners of the installed pavers, in order to prevent pavers from touching each other (and potentially chipping) and to allow better water drainage.

The stratigraphic images are just an example of the type of application and technical features of MBRICO. Mbrico recommends to refer to the specific norms valid in the various countries to carry out a state-of-the-art installation. Download Mbrico Installation guide from mbricotiledecks.com for practical installation information.

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INSTALLATION OVER REINFORCED CONCRETE*

Mbrico pavers may also be installed with traditional methods using thinset/thickset mortar appropriate for use with porcelain paver. In a short 24 hours your floor will be ready for foot traffic. This method offers the most stable and most durable floor covering that is able to withstand foot traffic up to light vehicular traffic.

* It is recommended installation over 4" minimum thick reinforced concrete, using a thinset/thickset mortar suitable for porcelain paver.

ADVANTAGES.

- LONG TERM DURABILITY
- READILY ACCESSIBLE SURFACES
- ABLE TO WITHSTAND PEDESTRIAN

AND LIGHT VEHI- CULAR TRAFFIC LOCATIONS.

- PARKING AREAS
- CYCLE TRACKS
- PAVEMENTS
- SQUARES
- YARDS
- PORCHES
- TERRACES
- RAMPS
- GARAGES



INSTALLATION OVER REINFORCED CONCRETE

THIN SET MORTAR APPLICATION OVER REINFORCED CONCRETE

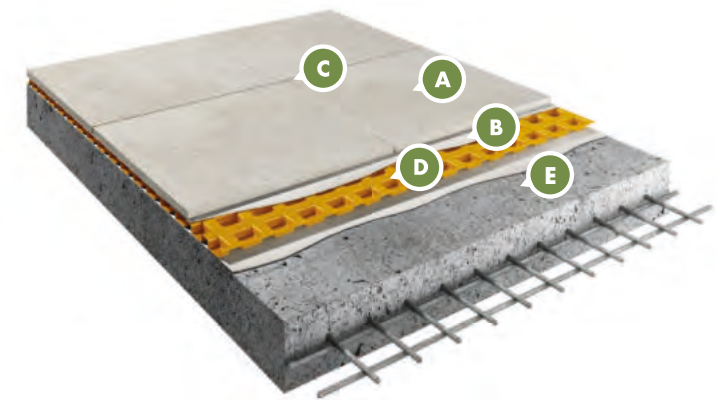
PRACTICAL INSTALLATION

Follow the drawing below.

- Insure that pavement is constructed with approximately 2 degree slope and that it is sloped away from any building.
- Please consult your paver supply distributor for thin set mortar suitable for porcelain paver as well as for inside or external usage.
- For cementitious adhesive and grout installation, refer to the manufacturer's technical instructions and specifically as they relate to outdoor installations.
- For concrete foundation slabs that are not large enough to require contraction/control joints, a minimum 3/16" (4 mm) grout joint is acceptable, but for larger concrete foundation slabs that do require contraction/control joints, the control joint width should be a 3/8" (1 cm). It is absolutely imperative that all contraction/control joints be located in the joint line of installed porcelain pavers and not beneath a paver.

CAUTION: if a porcelain paver is installed over a control joint, the paver will reflectively crack along the contraction/control joint beneath it.

Utilization of an uncoupling membrane can help minimize the potential issue.



- A** MBRICO PORCELAIN 3/4" NOMINAL (20MM) PAVERS
- B** THINSET
- C** 3/16" MINIMUM GROUT JOINT
- D** UNCOUPLING MEMBRANE
- E** EXISTING OR NEW CONCRETE (REINFORCED). 4" MINIMUM



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