


PORTICO

INDOOR - OUTDOOR



LARGE FORMAT PORCELAIN OUTDOOR TILE INSTALLATION GUIDE





Portico from Tile Mountain brings together a slew of durable, 18-20mm thick slab tiles designed for outdoor use under one brand. Created for those seeking to instil a consistent design language from interiors to exteriors, Portico includes an extensive selection of products spanning sand-based flagstone effect right through to plank-like tiles authentically replicating aged timber.

The premium large format tiles included under the Portico umbrella means that your interior style can be extended to outdoor areas with ease and that creating an outdoor

area dripping with contemporary style has never been simpler. All of the products contained within the Portico range are constructed from durable porcelain and come in large format variants as standard, meaning that not only will they withstand the elements and require very little post-installation maintenance.

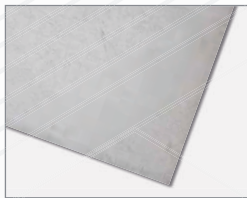
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BEFORE BEGINNING TO LAY YOUR TILES

Ahead of starting any tiling project, it's important to ensure that you have the right tools and materials to complete the job effectively. Below is a list of items that you should have before even beginning to think about installing outdoor tiles:

MATERIALS



Outdoor slab tiles
With appropriate slip rating



Tile adhesive
*We recommend Mapei
Adesilex P4*



Grout
*We recommend Mapei
Ultracolor Plus*

PROTECTIVE KIT



Kneepads



Dust mask

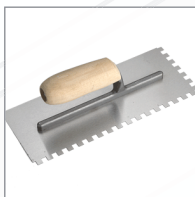


Latex grip safety gloves



Safety goggles or glasses

TOOLS



Notched Trowel



Rubber Mallet



Tile Cutter



Spirit Level



Grout Float



Sponge



Tile Marker/Pencil



Soft Bristle Brush

INSTALLING OUTDOOR SLAB TILES DIRECTLY ONTO A CONCRETE BASE

1 PREPARATION

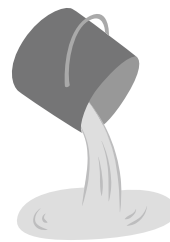
As with any floor tile installation, you should dry lay your tiles ahead of attaching with adhesive to ensure that you have the correct number of tiles and to work out any cuts that may be required.



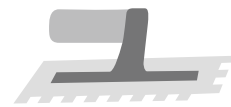
1. Ensure that your concrete base has been left to cure for at least 6 weeks before beginning to install tiles.



2. Using a soft bristle brush, remove any dust or construction material remnants.



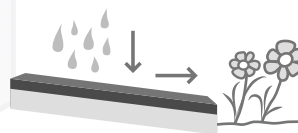
3. Starting in the centre of the area to be tiled, pour enough adhesive - we recommend using Mapei Adesilex P4 - to cover a square metre.



4. Using a notched trowel, spread the Adesilex P4 onto the concrete surface.



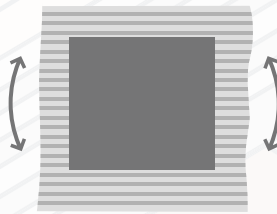
5. Use the smooth side of the trowel to spread the Adesilex P4 onto the concrete surface then drag the serrated edge back through the adhesive to form ridges of equal depth.



6. Create 'falls' if required using the adhesive - a slight gradient so that rainwater will run off and not stand on the tiles.

INSTALLING OUTDOOR SLAB TILES DIRECTLY ONTO A CONCRETE BASE

2 LAYING



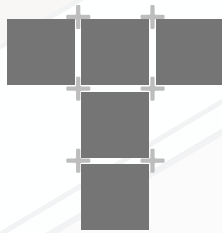
7. Lay your outdoor slab tile on top of the adhesive, firmly pressing down and giving it a slight twist so that it effectively beds into the adhesive. This is what we'll refer to as the 'key tile'.



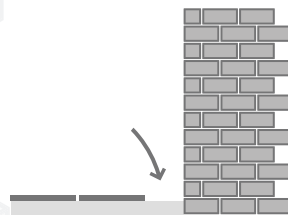
8. Proceed to lay the rest of your slab tiles ensuring that you evenly space them - large tile spacers are available for wider grout joints.



9. Make sure that the slab tiles are firmly embedded into the adhesive - you can give them a slight tap with a rubber mallet to be certain.



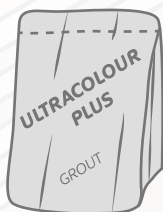
10. Lay the next row of tiles out from the 'key tile', ensuring that you work from right angles to the initial row, making sure that you remove any excess adhesive from the surface of the slab tiles before it sets.



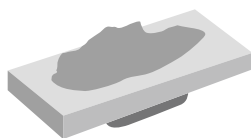
11. Continue to lay your slab tiles in this way until you cannot lay any more full tiles. Leave any gaps until the end and cut the tiles to fit.

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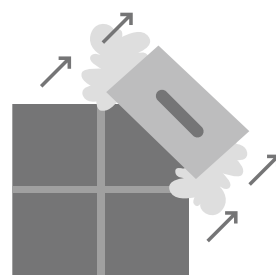
3 BRUSH-IN GROUT



12. Next, begin to prepare the grout - we recommend using Mapei Ultracolor Plus due to its anti-mould properties. This grout is available in 35 colours, contains water-repellant technology, and can be used to fill joints from 2mm - 20m.



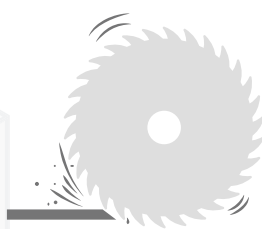
13. Mix the grout in accordance with the manufacturer's specific instructions and then place a liberal dollop onto your grout float.



14. Use the float to apply the grout to the joints between the slab tiles. The rubber side of the float is used to press the grout into the joints. Ensure you wipe away any surplus grout from the surface of the tiles using a sponge as you go.



16. Repeat the process until you can no longer lay any full tiles.



17. Size up the cuts for the edging tiles you require and cut to fit using the wet wheel tile cutter.



18. Install the cut sections following the same process as detailed above for full tiles

INSTALLING OUTDOOR SLAB TILES DIRECTLY ONTO A HARDCORE BASE

1 PREPARATION

Rock-Tite
EXTERIOR PORCELAIN & STONE SYSTEM



Dig out the area to be tiled making sure it is stable and to an approximate depth of 200mm



Compact Type 1 or MOT grade hardcore to 100 - 150mm depth making sure it is well compacted, rigid and stable



Apply Rock-Tite Porcelain Primer to the back of the tiles and allow to dry. Brush or roller are the best methods of installation



Mix ratio: 1.6ltr - 5kg
Working time: 60 mins
Drying time: 10 - 15 mins
Coverage: 5kg - 7m²

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INSTALLING OUTDOOR SLAB TILES DIRECTLY ONTO A HARDCORE BASE

2 LAYING

Rock-Tite EXTERIOR PORCELAIN & STONE SYSTEM



Set out the area to be tiled using a horizontal level line and a second sloped line to create a fall, as set out in the following step



The tiles should fall away from any property at a ratio of 25mm over a 1.5m length



Lay the previously primed tiles into a solid bed of Rock-Tite approximately 25 - 80mm thick



Mix ratio: 3.75ltr - 25kg
Drying time: 24 hours
Coverage: 50mm - 0.3m²
25mm - 0.6m²

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3 BRUSH-IN GROUT

Rock-Tite
EXTERIOR PORCELAIN & STONE SYSTEM



Wet the surface of the tiles and keep them moist throughout. Make sure the joints are between 3 - 25mm, clean and dust free.



Brush the Rock-Tite Grout into the joints at 45° using a long handled brush. Keep applying until the joints are filled and void free. Don't allow the surface to dry out.



Compact the joints and finish them with a jointing tool, if voids appear refill and refinish. Brush off any excess grout.



Cement free, no mixing required

Working time: 20 mins
Drying time: 24 hours
Coverage: 600x600x25 - 8mm - 12m²
450x450x25 - 8mm - 8m²

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Shop online 24/7 or call 01782 223822
www.TileMountain.co.uk

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