

Slate Impression Paving - Slate Pave™ Application Guidelines



System

Slate Pave is an alternative to plain finished concrete and Brick Pavers, suitable for Patios, Pool decks, Pathways, Driveways and many other application. It is durable Long lasting, and creates a luxurious effect by accurately re producing Slate or Stone without the high cost (approx. 40% cheaper). It is virtually maintenance free and eliminates the problem with individual brick pavers.

Precautions

Prior to the application it is advisable to protect walls and structures to avoid risk of possible staining. Ensure all excess contaminations do not enter into waterways drains or other storm water facilities.

Application

1. Finish concrete in the traditional manner, 25 mpa / 75 slump concrete is recommended. When the concrete is at its plastic state with a minimum of bleed water on the surface, apply Statop coloured surface hardener using the broadcast method. If contrasting colours are required, apply them prior to trowelling, sprinkle on the desired amount. Work into the surface, keep trowelling to a minimum. The more the surface is trowelled the more the bleed water will be brought to the surface, causing the colour to be overtaken by the colour of the bleed water.

Using Powdered Release Agent

2. Apply the Release Agent evenly over the surface using the broad cast method. As the Release Agent will have settled, it is advisable to aerate by hand prior to use.

3. After applying the Release Agent, gently place the mats onto the surface of the concrete ensuring the mats are tight together to avoid double lines, and then tap mats into the surface using the tamper with light strokes, as the mats bottom out on the concrete surface.

4. After three days sweep the excess Release Agent off and wash down using a pressure washer to remove as much Release Agent off as you wish. Remember the more you wash the more colour will disappear. It is advisable to leave a certain amount of Release Agent on as this gives the two tone effect which is most appealing. While the concrete is still wet it is advisable to acid etch the concrete to enable greater penetration of the sealer.

5. **Acid etching** Wet concrete prior to acid etching. Mix 1 part hydrochloric acid to 15 parts water mixed into a plastic watering can, then applied to the surface of the concrete. DO NOT ALLOW ACID TO DRY. It is advisable to use a neutralizing agent (Soda Ash) prior to hosing off the acid. Thoroughly rinse off the surface to remove the acid solution.

6. Allow to dry and apply Staseal™ Sealer as recommended on the Data Sheet or label, to protect the surface and enhance the colour.

Using Liquid Release Agent

1. After Statop™ Coloured Surface hardener has been applied and trowelled in the traditional manner and the concrete is ready for stamping. Using a spray unit, firstly apply an even coat of liquid Release Agent on the Slate Mats.

2. Then apply a light coat on the job working approximately 5 to 6 sq mtrs at a time. DO NOT allow the Liquid Release agent to pool.

3. Place your mats as normal and stamp. If a mistake occurs while stamping, the concrete can be re-trowelled and the Liquid release agent re-applied and stamping can be continued.

4. No washing is necessary prior to sealing. Apply Staseal™ Sealer as recommended on the Data Sheet or label, to protect the surface and enhance the colour.

Products

Statop or Tufftop coloured surface hardener, Release Agent, Sealer.

Equipment

Slate Impression Mats, Tamper, Airless spray gun, or sealer broom.

Note

These techniques are only a guideline and may vary according to site conditions.