



# Stoneflex

## Resin Bound Stone Surfacing

**STONEFLEX** is a poured in place solution providing an aesthetic, porous and hard-wearing surface. This system is ideal as a decorative pavement to overlay existing dilapidated concrete or paving.

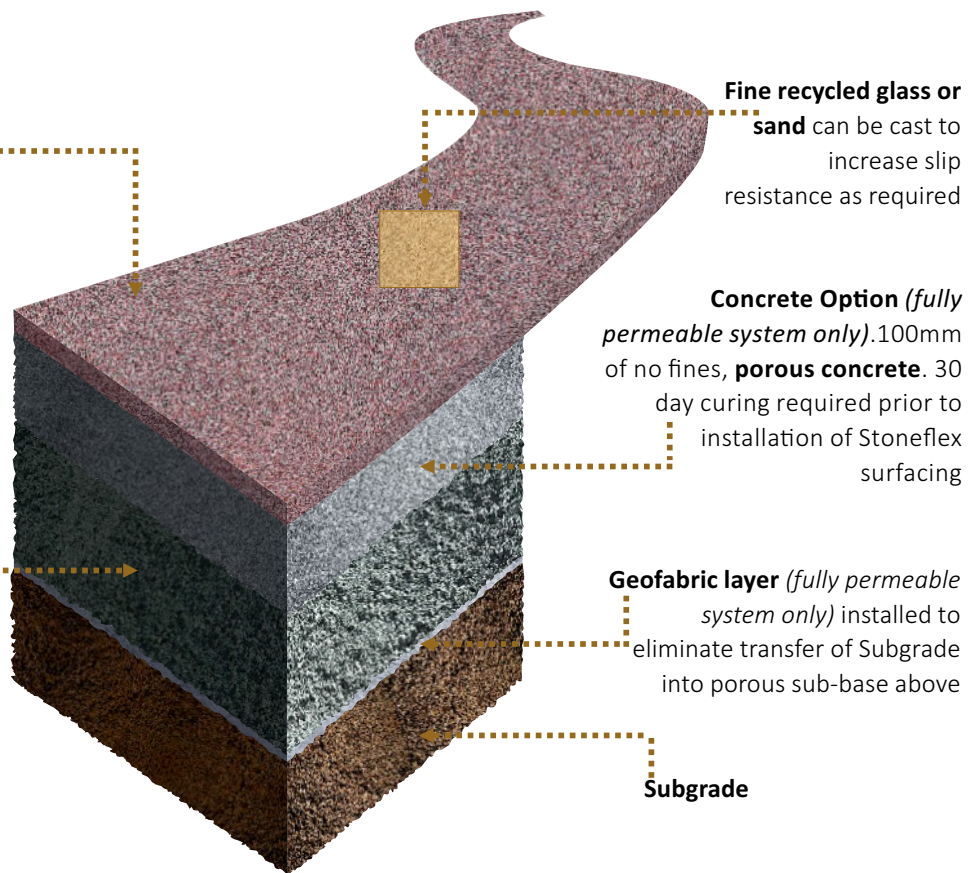
**LOOKING FOR A SURFACE THAT TICKS ALL THE BOXES? WE HAVE THE SOLUTION!**

**Stoneflex porous surfacing** to 20mm depth comprised of aggregate graded from 1mm-6mm

150mm **compacted porous sub-base** (*fully permeable system only*) comprised of recycled concrete and blue metal graded 20mm-7mm with minimal fines, compacted in place to achieve porosity and stability.

**Geogrid** bonded to existing substrate/sub base to reduce effects of lateral movement and strengthen Stoneflex system.

**Or Existing degraded Concrete + masonry sub bases**, prepared to receive new Stoneflex surface (not all existing substrates may be suitable)



**Fine recycled glass or sand** can be cast to increase slip resistance as required

**Concrete Option** (*fully permeable system only*). 100mm of no fines, **porous concrete**. 30 day curing required prior to installation of Stoneflex surfacing

**Geofabric layer** (*fully permeable system only*) installed to eliminate transfer of Subgrade into porous sub-base above

**Subgrade**

### KEY BENEFITS

- ✓ Permeable
- ✓ Durable
- ✓ Environmentally Friendly
- ✓ Low maintenance
- ✓ Natural, permanent pour in place surface

### STONE SIZES

- ✓ **1.6mm-3mm, 3mm-6mm** or blended
- ✓ **3mm-6mm** washed and kiln dried aggregate.
- ✓ Depth dependent on application

### APPLICATIONS

- ✓ Pavements and Footpaths
- ✓ Surface Renewal Overlays
- ✓ Green scapes
- ✓ Tree Surrounds
- ✓ Courtyards and Thoroughfares
- ✓ Driveways

**SURFACING CONTRACTORS AUSTRALIA**

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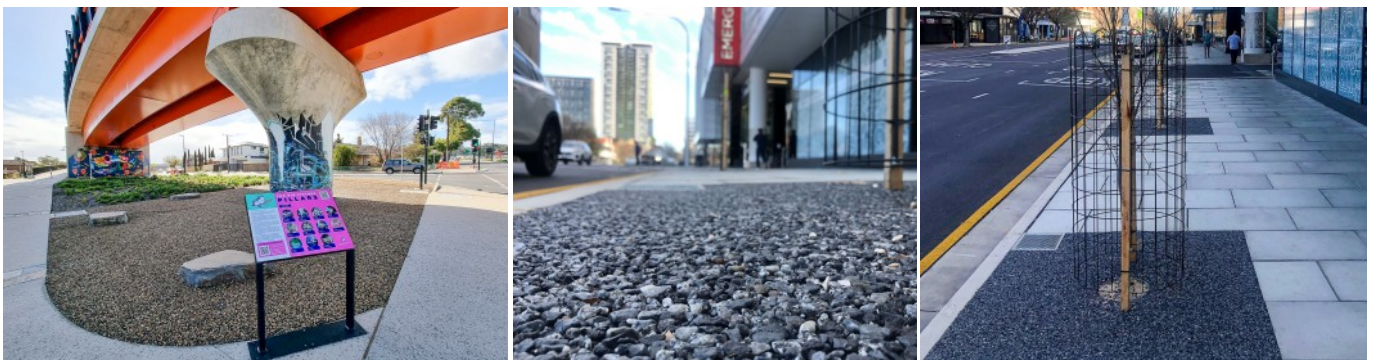
**STONEFLEX** is a combination of select 1.6mm-6mm aggregates and premium polyurethane binder. With the striking qualities of natural stone and up to 24 different styles to choose from, Stoneflex is the product of choice for your surfacing project.

This system is ideal for settings where permeability is important, and will reduce strain on existing storm water infrastructure, minimizing flooding during periods of heavy rain and returning rainwater to the water table or purpose built water catchment.



**STONEFLEX** is incredibly useful in fostering green landscapes in the urban environment, allowing specific areas of water catchment to be incorporated in roadways, footpaths, and anywhere else that a water permeable surface may be required.

Due to its durable, bold and permeable nature, it is an excellent alternative to concrete, bitumen and other similar pavements for walking, cycling and nature trails. It is also the cost efficient option when refurbishing existing pavements, as demolition and preparation costs can typically be avoided.



Proudly Australian owned and operated, with warehouses in Adelaide & Brisbane, we are the specialists when it comes to synthetic surfaces in Australia.

Call us today for an obligation free quote.

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