

Council Permeability Guidelines

A resource for home owners
looking to maximise property
development opportunities

 StoneSet

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Council Objectives

As land use increases, some councils have sustainable land use requirements to ensure buildings are designed to be considerate of the surrounding environment and community. Hard to Soft Landscaping ratio is one measure used to ensure urban rainfall is able to soak into the ground and replenish the water table. With residential development sizes increasing, keeping within the ratio set can be a challenge. You will be advised by council on your particular ratio, as each have different requirements (i.e. tree protection zones)

Hard to Soft Landscaping Ratio

- Reduces stormwater runoff
- Reduces erosion
- Replenishes water table

How can StoneSet Help?

StoneSet is a fully porous hard surface, achieved by using a unique resin and aggregate blend. Stone is 'set' securely in place with large enough voids to allow all water to permeate through and provide a seamless stone finish surface.

Driveway area 'Soft Landscaping'

- Meets Councils definition of permeable
- Develop larger usable surfaces
- Improved appearance and environment



Other soft landscaping

Grass requires significant maintenance to remain healthy, especially with vehicle traffic. Loose stone's natural look is detracted by slip hazards, movement/maintenance and can scratch flooring. Some Councils consider decking or stepping-stone pavers here also.

StoneSet is unique as a 'natural stone' soft landscaping alternative with no maintenance. The result is a usable, decorative, non-slip surface suitable for both car and foot traffic.



StoneSet is endorsed by Councils

StoneSet's porosity rate of 60litres/m²/second means it is classed as soft surface by many councils. The StoneSet finish will also ensure a non-slip surface with a typical slip wear rating of R11, a level stringent enough for external ramps in public areas.

More than 50 Councils Australia wide have used StoneSet. Visit our website to view our range of public works including Tree Surrounds, Parks and Pathways, Schools, Hospital Foyers, Heritage Listed Public Buildings and many more.

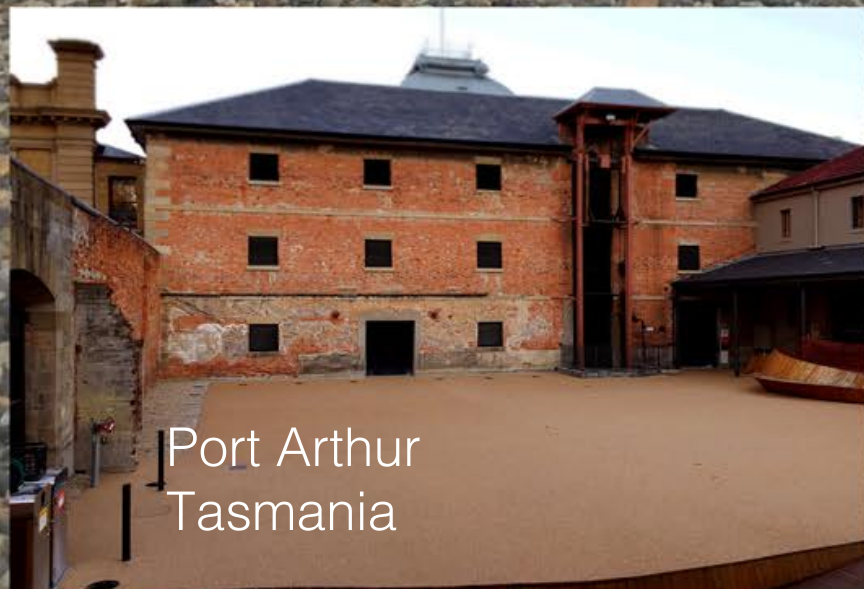
Incentives for soft landscaping



Porous Tree Surrounds
Canberra



Public Car Park
Victoria



Port Arthur
Tasmania



Sydney
Observatory
Public Pathway

StoneSet has benefited many homeowners -

- Approved larger floor plan for new builds
- Approval of building extensions
- Ability to put in a new pool or pathways
- Double size driveways/car ports
- Improved property value from the above

• Councils that *specifically* approve StoneSet as permeable surface include Melbourne City Council, City of Sydney, Brisbane City Council, Northern Beaches Council, Ku-ring-gai Council, Waverley Council, Sutherland Shire Council, Randwick City Council and Willoughby Council.

- Background:- Hazelwood Train Station, NSW

StoneSet for Strength

Our natural aggregate is coated with just enough resin to form multiple cross link bonds at each stone, with a high enough void to allow water to permeate.

An underlying 52mm gravel cell back-filled with free - draining gravel will provide a combined compressive strength of over 4000t/m². This is more than adequate for vehicular trafficked areas including heavy vehicles like trucks.



Stoneset for Environment

Not only does fully porous StoneSet return water to the immediate environment, StoneSet is made from locally sourced aggregates. As a hard surface, it requires less embodied energy (to manufacture) than alternatives such as concrete.



StoneSet for Durability

StoneSet provide a 10 year guarantee encompassing no loose stone or colour change. The material is low maintenance, it is quick and safe to install with minimal waste and no washing of the surface is required. StoneSet enables you to have a low maintenance hard wearing surface with all the benefits of natural stone look and positive for your environment.

Contact us Today for more information

