

## **Ecopave®**

An environmentally friendly paving solution

*“Breathing life into the urban environment”*

**Adbri Masonry has been breathing life into the urban environment for many years with its Ecopave® systems.**

The design of the Ecopave® system saves precious rainwater by acting as a filtration system.

With water restrictions and urban land development, architects and designers are under increasing pressure to incorporate water management systems that maximise the use of rainwater and minimise water run off.

By installing an Ecopave® system water is able to infiltrate through the pavement surface to the ground below, helping to restore and maintain the natural water table. Alternatively, rainwater can be collected and recycled through grey water recycling systems.

When an Ecopave® system is installed a series of drainage holes are formed in the pavement surface. These drainage holes are filled with a small aggregate to allow water to pass through the surface layers. This minimises run off that can lead to soil erosion, downstream flooding and pollution problems. An added benefit is the reduction in moisture evaporation from base course.

Ecopave® systems have been installed in a wide variety of projects ranging from residential driveways to large scale commercial projects.





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#### Suggested design uses include:

- Car Parks
- Footpaths, malls, promenades and other pedestrian areas
- Paved areas for residential units and cluster housing
- Tree surrounds
- Storm water retention
- Roads
- Dedicated wash areas.

#### Features and Benefits:

- The cost benefits of using an Ecopave® system include reducing the need for additional surface drainage, reducing the load on existing drainage systems and minimal maintenance costs
- The effectiveness of The Ecopave® system is well established and the system provides an eco-friendly alternative to conventional paving
- A variety of colours and aggregates can be honed to create an interesting terrazzo effect when using the Ecopave® system
- The Ecopave® system is the perfect choice when current design practices seek to hold and use the rainwater where it falls thereby reducing surface run off and allowing natural drainage patterns to be maintained
- The Ecopave® system can provide long term sustainability for tree preservation that extends well beyond the drip line by meeting the demands of aeration and moisture
- The Ecopave® system is aesthetically appealing as well as providing the durability required of pavements and roads.

