



PAVING RANGE

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Permea Lock

Permeable Paving



Permealock permeable paving blocks are a new addition to the C.E.L. Paving range of engineered high quality concrete products.

Permeable Concrete Block Paving (PCBP) form an essential element when considering the management of storm water run-off.

Sustainable Urban Drainage Systems (SUDS) are a sequence of water management practices and facilities designed to drain water. The systems are able to provide a more sustainable approach to controlling rain water, specifically in urban areas. SUDS is designed to suit the local conditions specific to an area where the control of rain water is managed at source.

PCBP provides the top layer in a SUDS design and allows for a far higher rate of water drainage when compared to standard pavers. The Permealock pavers are designed in such a way that a 4mm gap between each individual paver promotes increased run-off. Primary tests of the product confirm an initial inflow rate of 13000l /m² /hour.



Product Specifications

- 203mm x 102mm x 80mm
- Beveled edge
- 12 spacer nibs
- Minimum joint size of 4mm.
- The product may be tinted to suit your aesthetic requirements

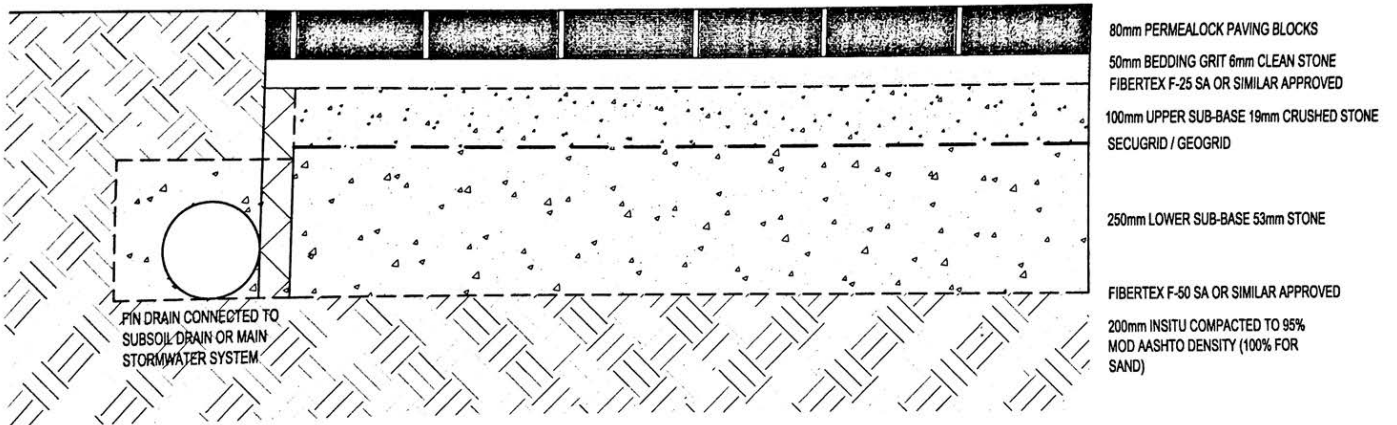


Standard interlockers on left and Permealock on right before rain.



Standard interlockers on left and Permealock on right after rain.

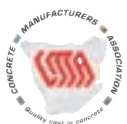
Suggested SUDS system incorporating Permealock (PCBP)



SUDS was adopted by the Cape Town City Council, in the Management of Urban Storm-Water Impacts Policy, dated 27th May 2009 C58/05/09.

Please note that the design of a Permeable paving system is to designed by a registered civil engineer, in order to meet application parameters.

Using Permealock pavers allows for the use of locally manufactured geofabric, this in turn leads to a cost saving.



For more information please contact our office,
 or Peter @ 073 4848 604

