

Traffic up to 21 tonne

Application: Areas subject to infrequent maintenance, refuse and emergency vehicles, e.g. Adopted Estate Roads, Cul-de-sacs

Typical Infiltration system for sites with suitable ground conditions

Standard Design based upon Structural Requirements only.

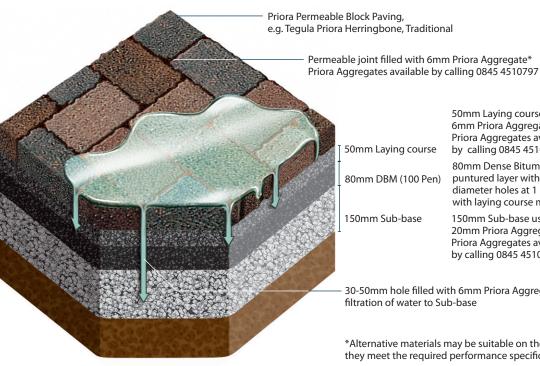
Priora block thickness: 80mm Laying course depth: 50mm DBM (100 Pen) depth: 80mm Sub-base depth: 150mm Capping layer depth: 0mm

System Storage Capacity: 50 litres per m²

Based on the sub-base depth using 20mm Priora Aggregate with

a characteristic void ratio of 33%

The depth of this design is unique to the use of Priora Permeable block paving as the surfacing material. The structural interlocking properties of the Priora block, together with the associated design methodology, allows for a reduction in sub-base thickness.



50mm Laying course

80mm DBM (100 Pen)

150mm Sub-base

50mm Laying course using 6mm Priora Aggregate*. Priora Aggregates available by calling 0845 4510797

80mm Dense Bitumen Macadam puntured layer with 30-50mm diameter holes at 1 meter centres filled with laying course materials

150mm Sub-base using 20mm Priora Aggregate*. Priora Aggregates available by calling 0845 4510797

30-50mm hole filled with 6mm Priora Aggregate* allowing filtration of water to Sub-base

*Alternative materials may be suitable on the condition that they meet the required performance specification

This example uses Tegula Priora Herringbone, Traditional. All Priora products which can be laid in the Herringbone laying pattern are suitable for this application. For advice on laying patterns by application, please contact the Water Management Design Team: 0845 30 20 606

