

## TECHNICAL SYSTEM SUMMARY

## HARD LANDSCAPED ROOF SYSTEM

### HEAVILY TRAFFICKED ACCESS SURFACES SOLUTION

When the roof structure allows, hard landscaping can be designed to allow for vehicular access, and the associated dynamic higher weight loading. A comprehensive range of guarantees are available for this system.

**Concrete Paving Slabs** provide a functional finish to the roof area.

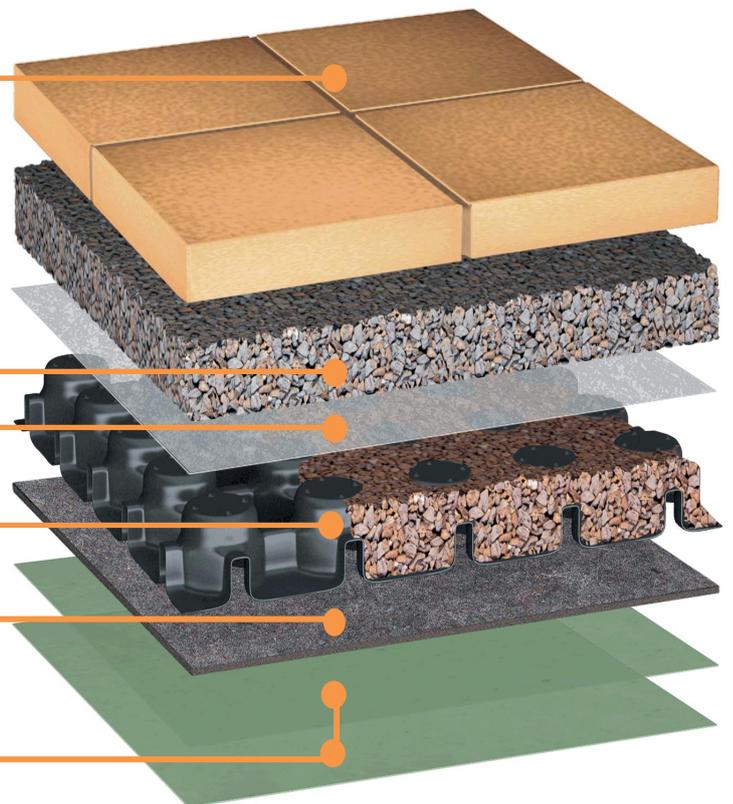
**Crushed Gravel** is typically 3-5mm grade used at 30-50mm in depth.

**Bauder Filter Fleece** is a filtration layer that prevents substrate fines from washing into the drainage layer.

**Bauder DSE 60** multi-functional water storage and drainage layer, infilled with Bauder Mineral Drain

**Bauder FSM1100 Protection Mat** is a protection layer to prevent mechanical damage to the waterproofing system

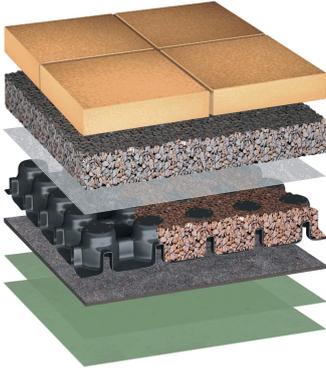
**Bauder PE Foil (two layers)** is a polyethylene foil separation and slip layer manufactured from recycled granules.



### When to Specify

This type of construction is used predominantly on courtyard podiums with heavy vehicular access and where keeping the total build-up height of the system, together with providing a completely flat paved surface is important in helping to reduce construction costs. This can be particularly effective when used to provide a permeable paving system.

### Weight Loading



Product	Thickness (mm)	Saturated Weight (Kg/m <sup>2</sup> )
Paving or Road Surface	Variable	
Crushed Gravel	40.0*	66.0
Bauder Filter Fleece	1.0	0.125
Bauder DSE 60 (with mineral drain)	60.0	40.0
Bauder FSM1100 Protection Mat	8.0	1.1
Bauder PE Foil Separation Layer	0.4	0.38
<b>Totals</b>	<b>109.40</b>	<b>107.605</b>

\* Typically 30-50mm base