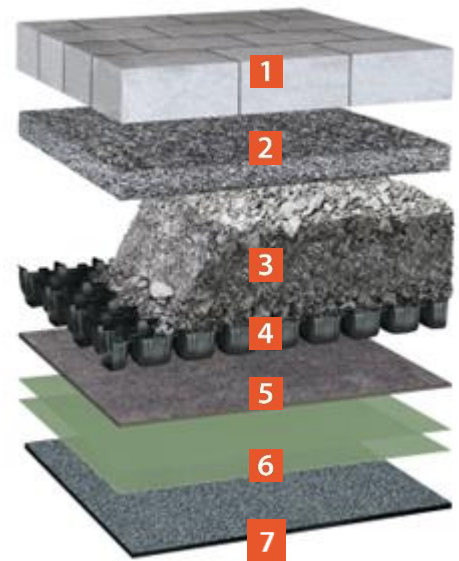


Bauder Intensive Hard Landscaping

Bedded paving solution (pedestrian / light vehicle)

The system allows areas of paving and hard landscaping to be formed over the top of the waterproofing system without effecting the drainage characteristics of the roof. Suitable for paved solutions where the underlying waterproofing is 0-3°. The paving can be porous where water drains through the paving joints or impermeable where paving is laid to falls.

	Function	Product name	Thickness (mm)	Weight (kg/m ²)	Indicative intensive hard landscape solution
1	Paving	Block paving, granite sets and PCC slabs. Contact supplier for exact laying details	Varies	Varies	
2	Bedding layer	Fine grit grain size 2/5, Depth 30-50mm (porous) or Mortar bed 30-50mm	50	75	
3	Sub base	Type 1 or Type 3 MOT / concrete	150	300	
4	Drainage Board	BauderGREEN DSE 40 drainage board	40	44kg/m ² (filled with Type 1or3)	
5	Protection Layer	BauderGREEN FSM 1100 protection layer	8	7.1	
6	Separation and slip layer	BauderGREEN PE 02 separation layer	0.2	0.1	
7	Underlying Waterproofing	Bauder's underlying waterproofing system	Not included	Not included	
System build-up (saturated)			248+	426+	
*Bauder supply various hard roof systems to meet weight loading requirements					
In-depth and up-to-date product specific technical data is available for each element within a system. Download from our website bauder.co.uk/technical-centre					



System summary

Characteristics of the system

- Ideally suited to pedestrian and lightly trafficked areas.
- The compressive strength and load bearing of the system is dependent on the type of paving and bedding layer used. Advice should be obtained from the paving supplier.
- DSE 40 is a lightweight water storage and drainage layer made of 100% recycled HDPE.
- FSM 1100 is 100% recycled Polyester and polypropylene fibre mix protection layer to prevent mechanical damage to the underlying waterproofing.
- System can be laid on any of the various Bauder waterproofing solutions: Bituminous Membrane, Hot Melt systems.
- Comprehensive guarantee packages to meet project requirements.

Accreditations and approvals



System variations are available to the specifier so that a tailored solution meets the needs of the building. The selection of products should be confirmed with our technical department to ensure suitability for the individual construction requirements of the flat roof.

E: technical@bauder.co.uk

T: 01473 257671

OPTIONS AVAILABLE

Bauder supply a number of hard landscapes solutions for flat and pitched roofs. Including permeable and non-permeable paving, roadways etc. Further details can be found on our website:

<https://www.bauder.co.uk/technical-centre/system-summaries/green-roof-systems>

In depth and up-to-date product specific technical data is available for each component within a system.

Download from: [bauder.co.uk/technical-centre](https://www.bauder.co.uk/technical-centre)

System fire performance

The system arrangements tested or classified without further testing that achieve standards for fire performance are defined and verified in the relevant BBA certificate. When protected by an inorganic covering (e.g. gravel or paving) listed in the Annex of Commission Decision 2000/553/EC, the systems are considered Broof(t4) classification.

Bauder continually tests its systems for fire performance and so if the permutation of products you are specifying is not stated in our latest BBA certificate please contact technical@bauder.co.uk for clarification.