

## BauderGREEN extensive green roof

### XF 301 lightweight sedum system for pitched roofs

BauderGREEN XF 301 lightweight sedum system is ideal for pitched roofs where a heavier substrate system is not an option. The product can be laid directly onto the waterproofing without the need for a growing medium with each blanket being held in place by the BauderGREEN RS 22 retention strips. Suitable for pitches from 5° to 25°. The BauderGREEN XF301 also contains a moisture mat which retains up to 5 litre of water/m<sup>2</sup>. The vegetation within the system is a mix of sedum varieties.

	Function	Product name	Thickness (mm)	Weight (kg/m <sup>2</sup> )
1	Vegetation*	BauderGREEN XF 301 Sedum Blanket*	28	44
2	Edge trim	BauderGREEN AL 40 drainage trim	40	Nominal
3	Retention strip	BauderGREEN RS 22 retention strip	22 (integral)	Nominal
4	Underlying Waterproofing	Bauder's underlying waterproofing system	Not Included	Not Included
<b>System Build-up</b>			40	44
*Bauder supply deeper, substrate base sedum green roofs see SB sedum on Substrate Systems.				
In-depth and up-to-date product specific technical data is available for each element within a system. Download from our website <a href="http://bauder.co.uk/technical-centre">bauder.co.uk/technical-centre</a>				
<b>Please note:</b> All green roofs require water during times of drought. Pitched roofs are particularly vulnerable. Bauder recommend that the watering and maintenance of this roof is considered and addressed during its design.				

Extensive lightweight sedum system for pitched roofs



#### Characteristics of the system

- Ideally suited to lightweight wooden roof decks or any building where weight and depth of the green roof system is critical.
- GRO compliant substrate is held within a nylon mesh with attached moisture mat. The sedum blanket is grown for circa 12 months and contains up to 17 species of sedum.
- Stainless steel RS 22 retention strips keep the XF 301 in place and prevents wind uplift.
- System can be laid on any of the Bauder Waterproofing solutions.
- Comprehensive guarantee packages to meet project requirements. Bauder's "Green Roof Promise" is available for this system.
- An irrigation system is recommended for this system.

# System summary



## 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.

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## OPTIONS AVAILABLE

Bauder supply a number of green roof solutions for pitched roofs. Including sedum, wildflower and biodiverse vegetation. 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 our website [bauder.co.uk/technical-centre](https://www.bauder.co.uk/technical-centre)

## System fire performance

**BauderGREEN XF 301 lightweight sedum system for pitched roofs can achieve B<sub>ROOF</sub> t4 when tested as part of a full Bauder warm roof build-up. The systems tested on BTGRS waterproofing systems with 60 to 220mm of PIR insulation. Due to our regular fire testing clients are advised to check with Bauder Technical to confirm the latest details of any other system build-ups tested. The full test results are available on request.**

The system arrangements tested, verified, and that achieve industry standards for fire performance are defined in the relevant BBA certificate. Please ensure you are aware of which permutations currently have a stated performance against fire by viewing and downloading the BBA certificate from our website [bauder.co.uk/technical-centre](https://www.bauder.co.uk/technical-centre)

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](mailto:technical@bauder.co.uk) for clarification.