

# LIGHTWEIGHT SEDUM SYSTEM

**Bauder XF301 extensive sedum blanket system is constructed using low maintenance planting (succulents) that provide excellent cover and increased protection to the waterproofing system.**

## When to Specify

The sedum blanket is a very versatile green roof system and is suitable for both new build and refurbishment projects. It is ideal for buildings where weight loading is a consideration or planning requirements stipulate the inclusion of a green roof.

## Key Features and Benefits

- The Xero Flor sedum blanket is installed as a complete system.
- The most lightweight green roof system available, making it ideal for retrofitting or refurbishment projects
- Delivers instant greening of a roof with sedums and other species able to flourish in our climate.
- Ideal solution where a green roof needs to be specified to meet planning requirements.
- Cost effective.
- Sedum blankets are grown on our farm in the UK and delivered to site within 24 hours of harvesting.
- Blanket features up to 11 species of sedums, some mosses and grasses to ensure plant diversity.

The plants are grown on a 'blanket' that is harvested like turf and installed by rolling out on top of the waterproofing and any other landscaping components required. The blankets are very lightweight, easy to maintain and provide instant greening to the roof.

All our green roof systems comply with FLL guidelines.



## Specification Support



**Specification downloads:**  
[www.bauder.co.uk/technical-centre](http://www.bauder.co.uk/technical-centre)



**Telephone helpline:**  
0845 271 8800



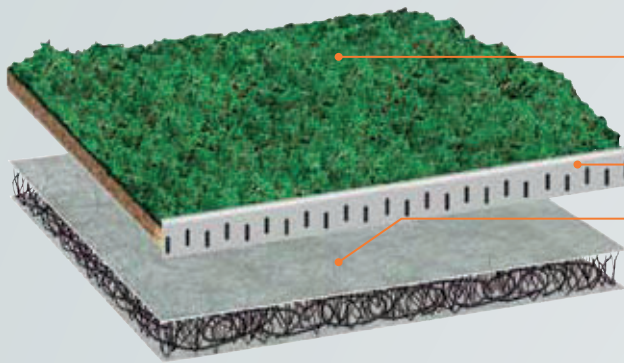
## System Configuration

The multi-functional XF301 sedum system combines the vegetation support layer with a moisture retention fleece to provide the perfect base for all roofing scenarios with a labour efficient installation.

Our patented geo-textile carrier fleece with its ultraviolet resistant nylon loops provides a support base for the specially developed substrate growing medium and gives stability to the established vegetation whether on a lowpitch flat roof or a 25° slope.

The pre-attached fleece is a unique feature of our XF301 sedum system, retaining moisture after rainfall and thus allowing the plants to take up the water for future use. The sedums are grown to maturity before being harvested, thus ensuring that they acclimatise quickly to their new rooftop location.

We currently cultivate 60,000m<sup>2</sup> of XF301 and are able to harvest the sedum and deliver to site within 24 hours.



### **Bauder XF301 Sedum System**

pre-cultivated vegetation blanket on a patented nylon loop and geo-textile base carrier with special substrate and a pre-attached integral 8mm moisture retention fleece.

### **Bauder AL40**

sedum blanket edge trim.

### **Bauder SDF Mat**

multifunctional drainage, filtration and protection layer manufactured from ultraviolet resistant nylon woven loops which are thermally bonded to geo-textile filter fleece facings.

## System Installation



Long length rolls being craned into position and installed.



Short 2m rolls of XF301 Sedum System installed by hand.

# BAUDER PLANTING & VEGETATION



## **XF118 Native Species Wildflower Blanket**

This vegetation blanket meets the growing demand for native species plants to satisfy the requirement of BREEAM. The 24 species of wildflowers and herbs incorporated into the blanket have been selected to provide a viable and vibrant plant that will be present on most of the biodiversity action plan lists that project specific ecology reports now demand.



## **XF300 Sedum Blanket and XF301 Sedum System**

Both of these vegetation blankets provide dense sedum foliage cover featuring up to 11 species of sedum with some mosses and grasses for plant diversity.

The plants provide a lot of colour and are selected to suit our climate, and provide 90% ground coverage at installation.



## **Plug Planting**

The use of small seedling plants have a number of advantages, each individual species can be chosen and the location and density of the planting can be controlled.

We supply a wide range of British provenance plug plant species for a Bauder green roof project.



## **Flora Seed Mixes**

Seeding is a proven way to establish vegetation, however at roof level, the environment makes this a challenge without the correct provisions.

We supply a range of British and Scottish provenance seed mixes which have a unique blend of seed species, adhesive to bind the seed to the substrate, organic fertiliser for nutrients and mycorrhizal fungi to increase the root surface area and establish the plants as they grow. See page 15

