

PermaSEAL Sedum Roof Tray



Description

PermaSEAL Sedum Roof Tray is a unique and innovative green roof system that offers an instant 'all-in-one' pre-established sedum green roof.

The PermaSEAL Sedum Roof Tray combines drainage, water storage, a specially formulated substrate layer and 16 species of sedum grown from seed over a 12 month period.

This 'instant' pre-established sedum green roof is simply installed over the roof waterproofing by placing and interlocking the trays to give immediate greening to the area.

Ideal for professionals and DIY'ers alike, the PermaSEAL Sedum Roof Tray System has many benefits over traditional green roof systems, offering a quickly installed, 'ready to go' alternative.

The trays are suitable for flat and shallow pitched roofs. Each tray measures 460mm x 495mm x 80mm and are easily manageable, allowing access to even the hardest to reach areas. PermaSEAL Sedum Roof Trays are the perfect DIY solution, ideal for extensions, sheds, garden offices and practically any type of outdoor structure.

Benefits

- 'All-in-one' drainage, water storage, substrate and sedum system
- Instant greening of roof with established sedum
- Easy slot together trays
- Easy to install for one person with manageable tray size and weight
- Fully established sedum grown from seed over 12 months
- 16 varieties of sedum
- Perfect balance of drainage and water storage for healthy roots
- Easily removable for instant access to the waterproofing layer
- Easily transported by hand into hard-to-reach areas
- Excellent sedum coverage in each tray – as close to 100% as possible

PermaSEAL Sedum Roof Tray is suitable for use on a variety of flat roofs:

- Extensions
- Garden offices
- Sheds
- Bike stores
- Bin stores
- Commercial decks

Note: PermaSEAL Sedum Roof Tray is suitable for some pitched roofs. Please contact a member of our technical team for further information.

Excellent Variety

PermaSEAL Sedum Roof Tray is grown from 16 carefully selected varieties of seeds, ensuring each of the varieties of sedum can fully establish and flourish over the 12 month growing period. The end result is a variety of constantly changing colours from late Spring to Autumn.

Easy Access

In the unlikely event of a leak through the roof, the PermaSEAL Sedum Roof Trays can be lifted out individually for easy access to the waterproofing layer for inspection.

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Lightweight System

Each individual PermaSEAL Sedum Roof Tray is lightweight and manageable in size. Not only does this allow the installer to access areas of the roof that can be difficult to handle larger systems into, it can also save valuable time and money with the construction and strength requirement of the roof. At approximately 58kg/m² when saturated, the tray system is considerably lighter than roll-out sedum systems. This can be the difference between installing a green roof or not on an existing structure.

Easily Maintainable

There may be a time where the odd small area of sedum becomes slightly patchy. Simply scatter some cuttings from your existing sedum over the patchy area and watch it establish and grow! On the rare occasion a larger section needs replacing, simply lift the tray and replace with a new one.

To keep the sedum looking as healthy as possible, it's important to scatter our slow release, granular fertiliser over the area once every 6 months.

Fast & Simple Installation

Each PermaSEAL Sedum Roof Tray comes with interlocking sides for quick and easy installation, with no previous experience required. Place one on the roof and simply connect the next one. It's possible to cut the tray using a wood saw, to suit certain detailing or run lengths. Just make sure that the cut side is placed against the previous tray rather than left as the exposed side so the substrate doesn't fall out.

This allows for a water buffering zone during storm events, whereby any excess water is slowly released at the lowest hole level and then the highest hole level, if required. The water safely drains away through the cavities underneath the tray.

Rainwater will slowly percolate down through the substrate and clay granules, eventually settling at the base of each cup, up to the level of the first holes. During any prolonged dry periods through the summer months, the sedum roots can still access water although, we still advise some extra watering after 2-3 weeks without rain or when the sedum is showing signs of stress.

The depth of the layer of substrate within the PermaSEAL Sedum Roof Tray has been carefully selected to suit the root depth of the sedum species. The optimal combination of water, nutrients and oxygen are delivered to the roots.

The PermaSEAL Sedum Roof Tray build-up is completed with the best looking and most diverse sedum vegetation layer on the market. Each tray has great overall coverage and this is down to careful nurturing and attention to detail during the growing period. The end result is a simple but highly effective green roof system which will instantly transform your roof into a sea of green and colour!

Storage

We recommend the trays are installed on the roof within 48 hours of receiving them.

Health & Safety

Please use the product only in accordance with the information given in this data sheet and any installation guide. There is no legal requirement for a Safety Data Sheet for this product.

| <i>PermaSEAL Sedum Roof Tray</i> | Technical Details |
|----------------------------------|------------------------------|
| <i>Tray Material</i> | Recyclable Polypropylene |
| <i>Dimensions</i> | 460mm x 495mm x 80mm |
| <i>Coverage</i> | 4.5 trays per m ² |
| <i>Full tray weight</i> | Approx. 13kg saturated |
| <i>Empty tray weight</i> | Approx. 0.7kg |
| <i>Substrate quantity</i> | Approx. 5.5L per tray |
| <i>Colour</i> | Black |

PermaSEAL Sedum Roof Tray Build Up

Before the PermaSEAL Sedum Roof Trays are installed, we advise rolling out PermaSEAL PRO Protection Fleece to protect the roofs waterproofing layer from mechanical damage.

The tray consists of 16 water storage cups. Each square cup has a drainage hole 10mm from the bottom on the face of each side. There are also drainage holes at the top corner of each square cup.

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