

# Sedum Cassettes

A pre-grown interlocking plant unit that offers ease of installation with exceptional sedum growth and coverage. Made up of 8 to 10 different sedum species which are well rooted and grown to maturity. Delivered in palletised form with a maximum number of 40 units per pallet (10m<sup>2</sup>).

Ideal for flat or slightly sloped roofs.

**Unit Dimensions:**

491mm (L) x 495 (W) x 80 (H)

**Coverage:**

4.4 units = 1m<sup>2</sup>

**Dry Weight of Unit:**

Approximately 35kg per m<sup>2</sup>

**Saturated Weight of Unit:**

Approximately 48kg per m<sup>2</sup>

**Delivery:**

Sedum plants can be fragile and some suspected damage may occur during transit. This is unavoidable and in all cases will be taken to keep this to a minimum. Immediately upon receiving delivery, the sedum cassettes must be unstacked and watered. The foliage will recover over time.

**Composition:**

The unit comprises of four layers - Drainage, Filter, Substrate and Sedum.

**Drainage Layer:**

To aid capillary action rainwater percolates through a layer of crushed clay granules. Excess water that can not be buffered will drain slowly. To create an additional buffer for droughts, the unit is equipped to store about 1 cm of non-capillary water at the very bottom. Volume of crushed clay grain: ± 6 litres per unit.

**Filter Layer:**

A nonwoven polyester filter membrane of 150 g/m<sup>2</sup> ensures that the fine particles of the substrate can not be washed away and can not block the drainage holes.

**Substrate Layer:**

The thickness of the substrate layer has been adapted to the needs of the sedum species and to the climate. This layer, on one hand, provides nutrients and water supply for the vegetation, and on the other hand it provides oxygen and anchorage for the roots. Characteristics: Lightweight, high capacity to store water, nutritious but not excessive. Substrate volume: ± 5,5 litres per unit.

**Sedum/Vegetation Layer:**

Unit coverage is a minimum of 80%. To achieve the best possible vegetation layer, 8 to 10 different species are used. The sedum is spongy and gets the necessary time, nutrients and care to become well rooted.

**Roof Types:**

Ideal for flat or gently sloping roofs up to 20o if gradient is greater, gtGreen Roof Edge will be required.

**Sedum Species (most common):**

Sedum Acre, Sedum Album, Sedum Floriferum, Sedum Hispanicum, Sedum Reflexum, Sedum Rupestre, Sedum Sexangulare, Sedum Spurium.

**Spring Maintenance:**

- Hand pull weeds
- Inspect vegetation for poor growth areas
- Plant with sedum plug plants
- Apply slow release granular fertiliser

**Autumn Maintenance:**

- Hand pull weeds
- Clear debris from drainage outlets

**Products ideal to use with sedum cassettes:**

- Roof edging
- RootBarrier membrane
- Controlled release fertiliser
- 20-40mm washed pebbles

