

# Data Sheet



## Façade Cage

Stable aluminium sandwich component for vertical façade greening and interior greening; designed with a solid rear panel insert and perforated front panel with cut-outs for the plants. Side frame welded to front panel and filled with substrate; includes



### Technical details and properties:

**Material:** Aluminium 2 mm

**Dimensions (nominal):**

Standard cage; length / width / depth: 1000 / 600 / 60 mm

Customised dimensions: Available on request

**Weight:** per standard cage approx. 50 kg/cage  
per square meter approx. 83 kg/m<sup>2</sup>

**Rear panel insert:** Smooth, with an insert groove and suspension rail

**Side walls:** Solid, welded over the corners

**Front:** Square punched perforations, 10 x 10 mm, cut-outs for plant pots 58 x 58 mm

**Surface:** Powder-coated as per RAL colour fan or plain coated

**Colour:** Standard colour: brown mahogany; other colour tones and plain aluminium on request

**Plant pots:** HDPE plastic with an open base

### Specific properties:

**Filling:** - 4 layers: covering grains, levelling grains, vegetation substrate and capillary fleece

**Covering grains:** - Lava (expanded clay, pumice or tuff available on request)

- Standard accessories:**
- Suspension rail including drill holes for wall mounting as per drawing
  - Collecting channel for excess water
  - Top cover sheet

- Optional accessories:**
- Surround frame
  - Automatic irrigation and feed dispenser

- Planning service:**
- Optigreen provides a complete installation plan including a planting plan and packaging list
  - Planning and release by Optigreen is mandatory for custom cage sizes, special façade designs and automatic irrigation systems
  - Support structures to be provided by the client

**Delivery form:** Flat on Euro-pallets, pre-filled and pre-mounted, with or without plants

**Quantity per delivery unit:** As per order and building, including required standard accessories

**Area of use:** On vertical façades and in interior areas as a curtain-type greening system

**Installation** As per enclosed assembly and installation instructions

**Storage:** Stacked flat on polystyrene interlayers

The preceding details are guideline values established under laboratory conditions. These values are subject to a certain manufacturing tolerance. The data contained in this product information sheet represents Optigreen's technical knowledge at the time of publication. Optigreen reserves the right to change and update details in accordance with new insights and to modify specified properties accordingly. Errors and omissions excepted.