

WALLFLORE®SOFT-e/i

Greening system for external and internal walls with climbing plants

WALLFLORE®SOFT-e/i system offers a simple and innovative technique for fast and cost-effective greening of large elevations and internal walls.

The **WALLFLORE®SOFT-e/i** technique offers a wide range of panels combined with a foliage supporting metallic mesh which acts as protective and supporting medium for the hanging foliage of the climbing plants.

The proprietary fixing and supporting system of **WALLFLORE®SOFT-e/i** allows for the installation on all types of substrates: concrete, block work, dry wall, metallic structure, timber frame.

Elevations and partitions that are clad with the **WALLFLORE®SOFT-e/i** system will display an ever-green vegetal aesthetic through the year, and can integrate seasonal flowering as an option.



WALLFLORE®SOFT-e/i 4 unique selling points

1- Low installation costs

Light weight modular panels, easy to install, similar to current techniques of modern cladding and partitioning systems.

2- Environmentally friendly

The components of the panels and the support system use materials that are 100% recyclable or recycled. Rainwater recycling.

3- Low running costs and maintenance costs

The built-in irrigation system allows for the use of recycled water, and can be remotely-controlled. The irrigation drippers can be easily replaced without removing any panels.

4- 10 year guaranty + Insurance

The system comes with a manufacturer's guaranty and an insurance-backed guaranty of 10 years.



Technical datasheet WALLFLORE® soft-e/i

Standard panel dimensions mm (WxH)

1200 x 250 / 900 x 250 / 600 x 250

Cut sizes available upon request.

Standard dimensions of mesh (galvanised steel):

1200 x 1750

Panel's thickness (excluding support system and plants)

Internal application : 75 mm

External application: 115 mm

Panels' weight

(Based on 1200x250 mm panels)

Internal application: 6 to 9 kg

External application: 9 to 12 kg

Components

Growing Substrate

SAINT-GOBAIN/CULTILENE horticultural stone wool (80 kg/m³) with a lifetime greater than 10 years, and 100% recyclable at end-of-life.

Panel Structure

Invisible structure made of Aluminium 5083 (AG5).

Envelope

Non-woven felt made of recycled PP and PE, treated anti-UV. Colour : dark grey (RAL 9011).

Support system

Proprietary brackets, vertical and horizontal rails (aluminium 5083). Fitting of the panels from the front and side-sliding.

Irrigation system

The proprietary built-in network of irrigation drippers in the support system's rails brings to the plants the precise amount of nutrients and water. The irrigation is fully automated and remotely controlled via an irrigation station, typically located in the plant room of the building.

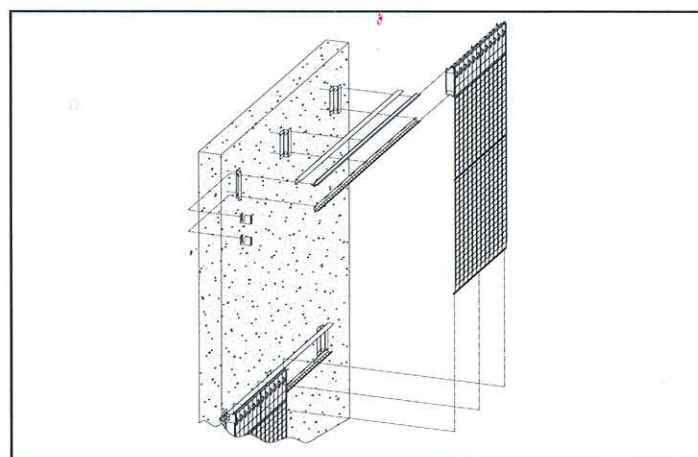
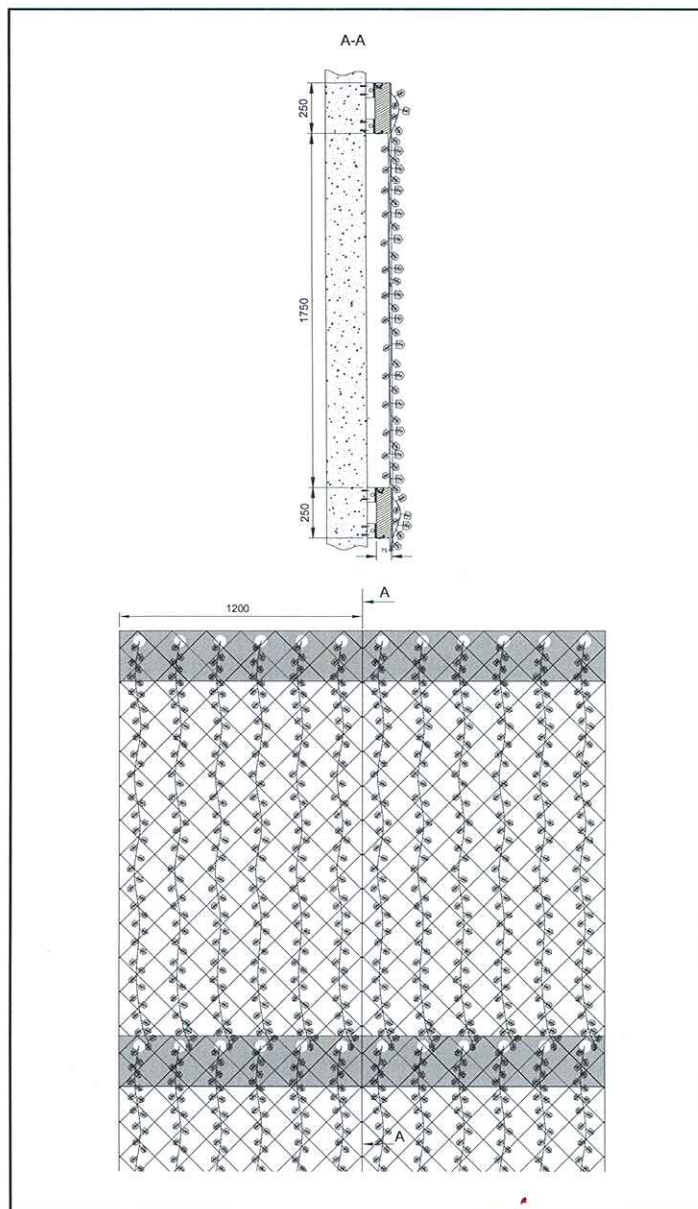
Plants

Internal application: standard range of 3 ever-green tropical climbing plants.

External application: standard range of 6 ever-green climbing plants, subject to local climate conditions.

Plants density:

8 to 12 plants per 1200 x 250 mm panel.



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