



SPECIFICATION CLAUSES

(To be read with Preliminary/General Conditions)

CLADDING

Drawing reference(s): _____

Primary Support structure: _____

Cladding System: WALLFLORE®SOFT

Manufacturer and Reference: Façade Systems

Unit 12, Hibernian Industrial Estate, Greenhills Road, Dublin 24

Tel: 01 4270888 Fax: 01 427 0889 Web: www.facades.ie

Type: WALLFLORE® green wall

Cladding panel:

Type: Pre-planted and pre-grown WALLFLORE®SOFT green wall panels – 2000 mm high by 1200 mm wide made of two parts: a growing panel (250 mm high by 1200 mm wide) and a foliage supporting net (1750 mm high by 1200 mm wide) – 4 to 10 Kg per m² of façade – 20 to 40 plants per m² of panel with a minimum façade surface coverage at installation of 30% and 100% after 12-18 months on site.

Material: Panel structure in Aluminium 5083; growing substrate in high density horticultural mineral wool 75Kg/m³; external permeable felt in 100% recycled Polyethylene and polypropylene with a density of 250g/m², fire rated M2 and anti-UV treated – Foliage supporting net: Solution 1: two Polypropylene meshes with option for DuPont™ Typar® Geosynthetics as background; Solution 2: Duralinox lath and Polypropylene mesh with option for DuPont™ Typar® Geosynthetics as background; for both solutions, two strengthening rods in Aluminium 5083 are positioned at the bottom and half height of the foliage supporting net.

Thickness: 75 mm

Finish/color: 12 climber plants from WALLFLORE®SOFT evergreen climbers' catalogue – Contact manufacturers for graphics and design.

Fasteners: Hooked on cassette and clamp fixed.

Number and location of fasteners: 2 hooks per panel, 1 clamp per panel.

Joint type: Butt joints vertically

Joint width: 5 mm vertical

Air gap: minimum 30 mm





Secondary support/framing system: FIXLIDE® rails and brackets Support System.

Manufacturer and reference: Façade Systems

Unit 12, Hibernian Industrial Estate, Greenhills Road, Dublin 24

Tel: 01 4270888 Fax: 01 427 0889 Web: www.facades.ie

Material: Aluminium 5083, built-in irrigation system in the rails with dripping tubes.

Fasteners: Direct to Backing wall or primary support structure

Number and location of fasteners: To manufacturer's recommendation

Backing wall: Masonry/concrete/timber frame/steel frame

Breather membrane: _____

Accessories:

- Collecting gutter in Aluminium 5083.
- Flashings in pressed Aluminium 5083 – Contact manufacturers for finishes and colors available.
- Irrigation tubes in Polyethylene (16-25 mm diameter)

Incorporated components:

- Irrigation station EASYDRAT® system for open loop application.
- Irrigation station IRRICYCLE® system for close loop application and recycling of grey water into the irrigation network of the WALLFLORE®SOFT façade – Typically 0.1 l/day per m² of façade.

FOR FURTHER INFORMATION CONTACT:

Emmanuel Bourdin

B.Eng. (Chem. Eng.), Ph.D. (Appl. Physics)

Specification Sales Representative

m: 086 606 4177

Unit 12, Hibernian Industrial Estate
Greenhills Road, Tallaght
Dublin 24

t: 01 427 0888

f: 01 427 0899

em: emmanuel_bourdin@facades.ie



RENTERS

INSULATED
SYSTEMS

RAINSCREEN
CLADDING

www.facades.ie

