



NBS Specification:

H92 Rainscreen Cladding

SPECIFICATION CLAUSES

(To be read with Preliminary/General Conditions)

120 RAINSCREEN CLADDING

Drawing reference(s): _____

Primary Support structure: _____

Rainscreen Cladding System: WALLFLORE®PER

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

Rainscreen panel:

Type: Pre-planted and pre-grown WALLFLORE® green wall panels – 1000 mm high by 600 mm wide – 30 Kg/m² - 27 plants per m² with a minimum surface coverage at installation of 50% and 100% after 12 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.

Thickness: 75 mm

Finish/color: 70 Plants from WALLFLORE®PER evergreens' 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 every 3 panels.

Joint type: Butt joints vertically – Lapped joints horizontally

Joint width: 5 mm vertical – 30 mm horizontal

Air gap: minimum 30 mm

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

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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: _____

Thermal Insulation: as clause 776

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® façade – Typically 0.7 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



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