

ANS Living Wall System

Manufacturer / Supplier:

ANS Global
Aldingbourne Nurseries
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Aldingbourne
Chichester
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Product Reference: ANS Living Wall Module™

The ANS Living Wall System™ has achieved fire rating B,s2-d0 when tested according to Reaction to Fire Classification Standard: BS EN 13501-1:2007 + A1:2009.

Living Wall integral components supplies by ANS:

ANS Fixing Rails

To be fixed to the substrate with site specific fixing at site specific centres.
14mm x 35mm x 4mm
Aluminium

ANS Living Wall Module™

500mm x 250mm x 100mm;
Made of fire-treated PP (recyclable)
80% post industrial recycled material;
UV resistant;
Temperature range -40 °C to 80 °C.

Drainage Channel

(See manufacturer's specifications)
107mm x 51mm gutter. (Product Reference: Osma Squareline (or equal and equivalent).
Made of PVC-U, UV resistant.
Manufacturer: <http://osma.wavin.com>
Note: Alternatives subject to Specifier's choice and recommendations.

Waterproof breathable membrane

(See manufacturer's specifications)
Product Reference: ProFelt Breathable Membranes or Obex Cortex 0520FR
Manufacturer: Profelt or Obex UK

Subframe options:

Aluminium tophat

To be fixed back to surfaces at 400-600mm centres (site specific).
Fixed with site specific fixings.

Steel subframe

Frame to be installed to provide 500-600mm centres (site specific).

Helping hand

Downer DCSO31 Helping Hand Bracket aluminium subframe system.
To be fixed to surfaces at 600mm centres.
Fixed with site specific fixings.
Vertical Tee carrier rail screwed to helping hand brackets.

ANS Irrigation Unit:

Break Tank (size of which is site specific);
Dosatron® liquid feed dispenser to ensure correct feeding of wall to ensure healthy growth of plants;
Electronic programmer with various stations linked via solenoid valves to ensure an equal distribution of water through the wall;
The solenoid valves automatically water each station through the emitter pipes installed on each row of modules;
The water pressure is calibrated and adjusted to ensure the water run-off is minimal;
The small amount of run-off is directed to a box section gutter which drains into a local drain point.

ANS Living Wall Planting Media

Plant choice as selected by ANS Global to suit location and requirements.

Installation

Installation by ANS Global approved installation specialists. Details provided on request.