

Living Wall Specification

ANS Group (Europe)

July 2010



ANS Living Wall System™

Manufacturer / Supplier:

ANS Group (Europe)
The Old Fire Station
Wheeler Lane
Witley GU8 5QU
Tel: 0845 505 5555
Web: www.livingwallsgreenroofs.co.uk

Product Reference: ANS Living Wall Module™

Living Wall Integral components supplied by ANS:

- ANS Living Wall Module™
500mmx250mmx100mm;
Made of high density Polyethylene (HDPE) BS 476 Part 7 1997, Class 1,
80% post industrial recycled material;
UV resistant;
Temperature range -40°C to 80°C.
- ANS Fixing Rails
48mm x 12mm fixed to surfaces at 500mm centres;
To be fixed to surfaces with countersunk stainless steel screws, (size of which is site specific);
Made of high density Polyethylene (HDPE) BS 476 Part 7 1997, Class 1100% post industrial
recycled material;
UV resistant;
Temperature range -40°C to 80°C.
- Capping:
Product Reference: Subject to Specifier's choice and recommendations.
- Drainage Channel: 107mm x 51mm gutter. (see manufacturer's specifications)
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: Tyvek® HomeWrap® (or equal and equivalent).
Manufacturer: DuPont™ Tyvek® HomeWrap®
Web: http://construction.tyvek.co.uk/Tyvek_Construction/en_GB/products/wall/housewrap.html



- Softwood battens (size of which is site specific)
To be fixed to surfaces at 250mm centres;
Pressure treated, FSC softwood only;
Timber preservative to be applied to any cut surfaces to ensure impregnability;
To be fixed to surfaces with countersunk stainless steel screws, (size of which is site specific).

- 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 Group (Europe) to suit location and requirements.

INSTALLATION

- Installation by ANS Group (Europe) approved installation specialists. Details provided on request.