

Ss_45_40_28_85 External planting systems

Systems

Ss_45_40_28_85 External planting systems Eastern Elevation

1. **Description:** Vertical Planting System. Aluminium planters fully supported back to wall structure with brackets as shown in the drawings- **Wall Planter System**
2. **System manufacturer:** Mobilane UK
3. **Size (hxl):** 2850mm x 3900mm
4. **System reference:** Mobilne Wallplanter
 - 4.1. **Planting:**
 - 4.1.1. **Type:** Green Screen
 - 4.1.2. **Format:** Hedera helix, Woemer
 - 4.1.3. **Dimensions:** 1205x2200mm
5. **Container:** Aluminium
 - 5.1. **Size:** 3900mm x 500mm x 500mm, 3mm thick. Container provided with insulation, drainage and drainage socks
 - 5.2. **Colour:** : RAL-Colour optional
 - 5.3. **Fixing:** In accordance with manufacturers details
 - 5.3.1. **Irrigation:** In accordance with manufacturers details - computerised irrigation system
6. **Standards:**
7. **Certification:**
8. **Products:**
9. **Execution:** pre planted containers

Ss_45_40_28_85 External planting systems Southern Elevation (A)

1. **Description:** Vertical Planting System. Aluminium planters fully supported back to wall structure with brackets as shown in the drawings- **Live Panel**
2. **System manufacturer:** Mobilane UK
3. **System reference:** Livepanel
4. **Gutter Profile:** Aluminium profiles, AL6063 T5, matt black anodised. End and flow caps made of glass fibre reinforced nylon, fixed with self-tapping screw thread on the profiles;
5. **Fixation:** Aluminium profiles are directly fixed to the wall by using Fischer plugs Fischer UX8x50R and Fischer screws 5.0x60 CK stainless steel A2, the gutter profiles are pre-drilled with grid size 40 cm;
6. **Waterflow:** Flow caps have a hose adapter and are connected with plastic tubing, fixed with a stainless steel hose clamp;
7. **Plant Cassette:** - Front plate with 9 cups made of EPP, 50kg/m3;
- Capillary cloth made of microfibre fabric 80% PES/20% PA;
- Back plate with reinforcing ribs, and clamping projections made of PP;
- 6 self-locking countersunk screws made of stainless steel A2;
8. **Planting:** Plant Selection in consultation with the supplier.
9. **Utilities Irrigation:** - Water supply capacity 2.0 bar 0.6 m3/h
- Double power point 16 amp 230V;
- Water drainage under the wall for connection 32mm;
- Internet access with one opened port (optional);

- Space available for installing the irrigation unit (standard unit 60 x 50 x 25 cm = H x W x D);

10. **Irrigation Unit::** Mobilane irrigation unit with manual main valve, filter, control unit, compost injection pump, flow meter and fertiliser tank.
11. **Accessories::** - Frame made of aluminium, AL6063 T5, blank anodised.
- Frame is fixed with list clips list which are securely fixed with Fischer UX8 plugs and Fischer 5,0x60 CK A2 stainless steel screws. (RAL colour table is optional available)

Ω End of System