**Exceptional Covered Spaces™**

**PR-20-65-78-58**

A green and white logo

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**A&S Landscape**

**Motiva Covered MUGA™**

**Specification**

**aandslandscape.co.uk**

# **Document Control Sheet**

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**B91  
Buildings in the landscape**

Clauses

2 To be read with preliminaries/ general conditions.

System outline

105 Proprietary small buildings/ structures

1. Description: Generally
2. Building type: Canopy
3. Services requirements: Rainwater drainage systems - Gutters and downpipes

System performance

220 Durability

1. Description: Of canopy - framework and finishes
2. Minimum life span
   1. Fabric
      1. Element: Framework
      2. Duration: 25 years
   2. Finishes: Roof covering
      1. Item: Polycarbonate sheeting
      2. Duration: 15 years

220A Durability

1. Description: Of canopy - rainwater disposal
2. Minimum life span
   1. Fabric
      1. Element: Rainwater Goods - Generally
      2. Duration: 25 years
   2. Finishes: Rainwater Goods
      1. Item: Rainwater pipes, hoppers and guttering
      2. Duration: 25 years

240 Water penetration

1. Requirement: Under site exposure conditions, moisture must not penetrate onto internal surfaces or into cavities not designed to be wetted.

Products

330 Canopy

1. Description: Generally
2. Manufacturer: A&S Landscape, March Way, Battlefield Enterprise Park, Shrewsbury, Shropshire, SY1 3JE, United Kingdom, T: 01743 444100, E: sales@aandslandscape.com
   1. Product reference: Motiva Covered MUGA™ Canopy
3. Size: Refer to Project specific drawings
4. Frame: Carbon steel - With either galvanized or Dura-coat™ colour finish
5. Panels: Various infill options - Refer to project specific drawings and details
6. Roof covering: Polycarbonate – Clear or Opal
7. Accessibility: No requirement
8. Accessories/ Special requirements: Wall brackets, Post Pads - Colours - varies
9. Method of fixing to ground, base or walls: As project specific drawings

385 Shelter

1. Description: Generally
2. Manufacturer: A&S Landscape, March Way, Battlefield Enterprise Park, Shrewsbury, Shropshire, SY1 3JE, United Kingdom, T:01743 444100, E:sales@aandslandscape.com
   1. Product reference:  Motiva Covered MUGA™ Canopy
3. Size: Refer to project specific drawings
4. Frame: Carbon steel - With either galvanized or Dura-coat™ colour finish
5. Panels: Various infill options - Refer to project specific drawings and details
6. Roof covering: Polycarbonate – Clear or Opal
7. Accessibility: No requirement
8. Accessories/ Special requirements: Wall brackets, Post Pads - Colours - varies
9. Method of fixing to ground or base: As project specific drawings

Materials

430 Aluminium

1. Description: Gutters and rainwater pipework - generally
2. Standards: To relevant parts of BS EN 515 and BS EN 12020.
   1. Mechanical properties of extruded rod/ bar, tube and profiles: To BS EN 755-2.
   2. Tolerances on dimensions and form of seamless tubes: To BS EN 755-7.
   3. Profiles, tolerances on dimensions and form: To BS EN 755-9.
   4. Structural members: In accordance with BS EN 1999-1.1.
   5. Aluminium sheet: To BS EN 573-3.
3. Alloy, temper and thickness: Suitable for the application and specified finish.
4. Finish: Dura-coat™ colour finish
   1. Colour: Varies - Refer to project specific drawings
5. Method of fixing: As manufacturer's recommendations
6. Additional requirements: None

445 Metal profile

1. Description: Canopy framework - generally
2. Manufacturer: A&S Landscape, March Way, Battlefield Enterprise Park, Shrewsbury, Shropshire, SY1 3JE, United Kingdom, T: 01743 444100, E:sales@aandslandscape.com
   1. Product reference: Motiva Covered MUGA™ Canopy
3. Material: Steel to BS 3083 and BS EN 508-1
   1. Thickness (nominal): As project specific drawings
   2. Profile: As project specific drawings
   3. Finish: Galvanized or Dura-coat™ colour finish
      1. Colour: To BS 4800 - Colour varies
4. Method of fixing: As manufacturer's recommendations
5. Additional requirements: Alu-tuff™ Aluminium guttering and downpipes

480 Glazing plastics

1. Description: To canopies - generally
2. Manufacturer: A&S Landscape, March Way, Battlefield Enterprise Park, Shrewsbury, Shropshire, SY1 3JE, United Kingdom, T: 01743 444100, E: sales@aandslandscape.com
   1. Product reference: Motiva Covered MUGA™ Canopy
3. Standards: To relevant parts of BS 6262-4.
   1. Impact strength: To BS 5544, BS 6206, BS EN 356 and BS EN 12600.
4. Material: Polycarbonate
5. Thickness: Refer to project specific drawings
6. Finish/ Colour: Clear, Opal or project specific standard colour - TBC
7. Perimeters: Manufacturer's standard
8. Method of fixing: As manufacturer's recommendations
9. Additional requirements: Roof panels: System 60 structured roofing panel in giving thermal transmittance U-Value: 2.2 W/m, Noise reduction: 20dB (DIN 52210-75 Rw).Nonfragility rating: Class ‘B’ to ACR (M) 001:2005 Fire classification: Euroclass - EN13501-1 2006 B-s1, d0 (as UK Class 0)

Execution/ erection / installation

600 Erection / installation generally

1. Frameworks: Assemble and brace, including temporary members required for installation.
2. Contact between dissimilar metals: Avoid.
3. Fixings: Fully bolt together. Tighten bolts.
4. Temporary support: Do not subject members to non-design loadings.

610 Concrete foundations generally

1. Concrete: To BS 8500-2.
2. Mix: Designated concrete not less than GEN 1 or standard prescribed concrete not less than ST2.
3. Admixtures: Do not use.
4. Depth of foundations, bedding, haunching: Appropriate to provide adequate support and to receive overlying soft landscape or paving finishes.
5. Foundation holes: Neat vertical sides.
6. Components: Accurately positioned and securely supported.
7. Concrete fill: Compact as filling proceeds.
8. Temporary component support: Maintain undisturbed for minimum 48 hours.

615 Setting components in earth

1. Holes: Excavated by appropriate means to size on site specific drawings.
2. Components: Position accurately and support securely.
3. Buried depth (minimum): Refer to project specific drawings

620 Building in to masonry walls

1. Components being built in: Position accurately and support securely. Set in mortar and pointed neatly to match adjacent walling.
2. Temporary support: Maintain for 48 hours (minimum) and prevent disturbance.

625 Electrical and data services

1. Services connection required: Power for lighting and heating.
2. Standard: To BS 7671.
3. Coordinate with services trades.

630 Erection of prefabricated buildings/ structures

1. Checking: Five days (minimum) before proposed erection date, check foundations, holding down bolts, etc.
2. Inaccuracies or defects in prepared bases or supplied buildings/ structures: Report immediately. Obtain instructions before proceeding.

Completion - Not Used

Ω End of Section

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