

SECTION 11

SUN SCREENS

PART 1 - GENERAL

1.01 DESCRIPTION OF WORK

- A. Extent of Work: Where applicable, the extent of sun screens is indicated on drawings and includes but is not limited to sun screens for exterior wall mounting.

1.02 QUALITY ASSURANCE

- A. General: Comply with recommendations for fabrication, construction details and installation procedures as outlined in the British Standards listed hereunder and/or as recommended by the Manufacturer.
- B. Codes and Standards: Comply with the applicable requirements of the following codes and standards:

BS British Standards

587 Specification for Motor Starters and Controllers.

1161 Aluminium and Aluminium Alloys Sections for Structural Purposes.

1470 Wrought Aluminium & Aluminium Alloys for General Engineering Purposes: Plate, Sheet and Strip.

1.03 SUBMITTALS

- A. Installation Instructions: Submit manufacturer's technical data, anchor details and installation instructions, including finishing products.
- B. Shop Drawings: Submit shop drawings for fabrication and erection of louver units, diffusers and accessories. Include plans, elevations and details of sections and connections to adjoining work. Indicate materials, finishes, fasteners, and other information to determine compliance with specified requirements.

PART 2 - PRODUCTS

2.01 SUN SCREENS

- A. Provide the different types of powder coated aluminum sun screens as shown and detailed on drawings.

Contractor shall submit to the approval of the Engineer shop drawings showing fabrication and fixing detail and samples for all the above types of sun screen.

PART 3 - EXECUTION

3.01 INSPECTION

- A. The Contractor shall examine the substrates and the conditions under which louvers shall be installed and correct any unsatisfactory conditions. Do not proceed with the work until unsatisfactory conditions have been corrected in a manner acceptable to the Engineer.

3.02 PREPARATION AND INSTALLATION

- A. Preparation: Coordinate setting drawings, diagrams, templates, instructions and directions for the installation of anchorages, which shall be embedded in concrete or masonry construction.
- B. Installation: Locate and place louver units plumb, level and in proper alignment with adjacent work. Use concealed anchorages wherever possible. Form tight joints with exposed connections accurately fitted together. Provide reveals and openings for sealants and joint fillers. Protect aluminium surfaces from corrosion by the application of a heavy coating of bituminous paint on surfaces which will be in contact with concrete or masonry.
- C. Provide concealed gaskets, flashings, joint fillers to ensure a weather tight construction.

**** END OF SECTION ****