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## TECHNICAL SPECIFICATIONS

### SPECIFICATIONS OF CONSTRUCTION MATERIAL

#### MOTOR

- DC permanent magnet motor
- Working voltage 24 V DC
- Wattage 6W
- European make

#### SLATS

Single colour Aluminium Slats with UV Resistant Coating

#### ALUMINIUM SECTIONS - BLINDS

Aluminium Alloy 6063T6 duly anodized or powder coated

#### THREADS/CORDS

Imported modified engineering polyester web UV resistant and good colour fastness for long lasting life.

#### SEALANTS

Sealants for sealing will be DOW corning / GE-Bayer / Wacker (German) make silicone base single pack compounds and the tape of Norton make (Saint Gobain) / butyl sealant for fixing the glass and sealing of the complete system

#### GLASS

Blinds sandwiched between two clear float glass (optional toughened glass can be provided on request)

#### MEDIUM

Dessicant filled in air gap between spacer to avoid vaporization

The Motor is the main component of the system. It has been tested at the factory for 30000 cycles (1200 hrs of continuous operation). A controller is fitted with the motor for controlling movement.

This life cycle test can be considered as a general guideline for the life of the motor, given proper and careful use of the system. It would of course, get affected by unforeseen eventualities / improper conditions / non-judicious use related to glass breakage, erratic power supply conditions, spikes damaging the power suppliant for the control of the blind system and electrical switches.

## IN THE SCOPE OF THE CUSTOMER

- Complete wiring of three core cable (each wire 2.5mm<sup>2</sup> cross section area) with outer sheath insulation in the scope of client and to be routed so as to have a accessible point near each window for the operation of the blinds. Each blind supplied by us is normally of 2.5mtrs cable and a switch/es for the operation of the blinds.
- Central power source for each floor to be provided by customer: this source must be capable for operating x nos of blinds simultaneously (detailed specifications will be submitted after the receipt of the order). The input supply should be regulated AC supply within the range 230-220V AC input voltage to the motor is 24-18VDC.
- The size of the window opening as agreed upon during the finalisation has to be diagonally perfect, square at corners in the window sections to avoid any stresses on the glass as well as the fitments. Any major imperfections in the plaster/surface shall be attended/rectified by the client.
- Wherever the scaffolding is required at a non-approachable height, it shall be charged extra at actuals or has to be provided by the customer.
- Unloading of the DGU has to be managed by the customer on-site.



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