

Specification for the items for Glass Door with Aluminium Frame Installation Work for the use in the department of Economics, Kariavattom.

Sl. No.	Specification	No.	Quantity	Unit
1.a	21.1.1.2 Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS : 733 and IS : 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing /paneling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge.(Glazing, paneling and dash fasteners to be paid for separately): For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron). frame work [1.2m (L) x 2.27m (B)]	1	10.215	kg
1. b	21.1.2.2 For shutters of doors, windows & amp; ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron). Shutters [0.9m (L) x 2.27m (B)], [0.25m (L) x 2.27m (B)]	2	10.442	kg
2	21.2.2 Providing and fixing 12 mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS : 12823 Grade I Type II, in paneling fixed in aluminum door, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of Engineer - in - Charge . Pre-laminated particle board with decorative lamination on both sides. bottom portion [0.85m (L) x 0.88m (B)], [0.19m (L) x 0.88m (B)]	2	0.915	sqm

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3	21.3.1 Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer - in - Charge . (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 4.0 mm thickness. top of door [0.85m (L) x 1.185m (B)], [0.19m (L) x 1.185m (B)]	2	1.232	sqm
4	9.100.1 Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete; 125 mm.	4	4	each
5	9.97.3 Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with necessary screws complete: 200x10 mm	2	2	each
6	9.84 Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width form 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	1	1	each
7	21.13 Providing and fixing 100 mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete	1	1	each



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