

Cube GREEN Framed Modular Partition System

K30 Specification

Manufacturer and reference: Cube7 Interiors Ltd, Unit 5 Claremont Buildings, Claremont Farm, Old Clatterbridge Road, Wirral, CH63 4JB

Reference: Cube GREEN double glazed

Fire resistance of complete system: 30/0, 30/30, 60/0, 60/60 – depending on project

Sound insulation: ...40 Rw dB to BS EN ISO 140-3

Partition height:varies

Head condition: suspended ceiling

Deflection allowance: ... N/A

Frames: 50mm (nom) rolled steel inner core.

Heads: Double glazed head track / Aluminium solid head track

Junctions/corners: Square corner posts / Radiused corner posts /135° junction posts / 90° junction posts / 3-way junction posts. Insert other details as necessary

Fixings at abutments: Insert any particular requirements

Skirtings/sills: aluminium skirting with infill strip and concealed fixing

Finish/colour: u aluminium PVC Light grey (BS 00 A 05) / Dark grey (RAL 7024) / White (RAL 9010).

Trims: Aluminium trims

Finish/colour:

Polyester powder coating as section Z31 – thickness: 20/60/80 microns.

Optional acrylic paint as section Z11

Colour: Consult Cube7 for availability of colours.

Solid panels: 12.5mm plasterboard Standard substrate. Alternatives are available – consult with Cube7 for availability.

Finish/colour:

Vinyl decorative finish

Fabric decorative finish

Plastic laminate

Polished timber veneer

Vinyl faced steel sheet.

Colour: Consult with Cube7 for availability of colours.

Joint treatment:

Expressed aluminium module trim with concealed fixings.

Concealed flush-finished panel joints

Glazed panels:

Glass type(s):

30/0, 30/30, 60/0, 60/60 – glass depending on project

Manifestations: Artwork and/or font for glass manifestation can be applied to the client's specification

Blinds: N/A

Operation:

Colour:

Doorsets: single glass doorsets

Door frames: Extruded aluminium

Finish/colour:

Polyester powder coating as section Z31 – thickness: 20/60/80 microns.

Optional acrylic paint as section Z11

Doors: glass

Vision panels: Insert details as necessary

Ironmongery: leave lock latch and hinges.

Cable management/outlets:

Accessories:

CUBE GREEN FRAMED MODULAR PARTITIONING SYSTEM

A concealed fixing system with powder coated aluminium sections. Unrated, 30 and 60 minute Fire Rated versions. Acoustic rated versions. Partition thicknesses: 80 - 75mm nominal panel face to panel face - 95mm overall trims.

Module - 1200mm nominal width; alternative modulation available subject to discussion.

Solid Elevation - 50mm nominal cold rolled steel core sections faced both sides with (generally) 1 x 12.5mm gypsum plasterboard panels to accept vinyl or fabric decorative finishes. Alternative substrate available to suit various decorative finishes and performance criteria.

Glazed Elevations - single offset or double-glazed flush to both sides. Various elevational treatments - glazing from floor to ceiling with dado panel, dado rail, mid-panel or top panel.

Doors and Doorsets - designed to accept door sets of a 44mm nominal thickness to various finishes. System accommodates doors of various heights and construction, including standard height door set (metric or imperial), full height door set, door with matching overpanel. Extruded aluminium doorframe pre-mitred and prepared for lock, keep and butt hinges.

Fire Rating: In accordance with BS 476: Part 22: 1987. Solid up to 60 minutes insulation and integrity. Glazing up to 60 minutes integrity only. Elevational solid/glazing configurations may be constrained within tested 30 or 60 minute fire rated configurations

Elevational solid/glazing configurations may be constrained within tested fire rated criteria.

Sound performance: Tested and assessed under laboratory conditions to BS 2750: Part 3 and rated in accordance with BS 5821: part 1 1984 and achieved solid with open cavity 35dB(Rw), solid with mineral quilt 42dB(Rw), solid with Rockwool RW3 and sealed 43dB(Rw) and solid with Rockwall RW2 timber studs and sealed 44dB(Rw).

Impact Rating – Structurally tested to BS 5234: Part 2.

Refer to technical literature for details. Technical Department can also provide a detailed design and specification service and it is recommended that they are consulted early in the design process.