

PLEASE CONTACT US FOR SITE SPECIFIC FIRE SCREEN SPECIFICATIONS

K30 PANEL PARTITIONS

130 RELOCATABLE PARTITION SYSTEM – CUBE BLUE

Manufacturer and reference: Cube7 Interiors, Unit5 Claremont Buildings, Old Clatterbridge Road, Wirral, CH63 2JB, Tel: 0151 208 8778. www.cube7interiors.co.uk
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Reference: Cube BLUE Partitioning System (Frameless glass partitioning)

130 RELOCATABLE PARTITION(S)

- Drawing reference(s): [tbc](#)
- Project Name(s): [tbc](#)
- Manufacturer and reference: Cube BLUE **Frameless** Fire Rated Glazing System
- Strength Grade(s): Medium Duty to BS5234-2
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- Fire resistance of complete system: [30/0](#) [30/30](#) [60/0](#) [60/60](#) ?
- Fire rating for panels: [30/0](#) [30/30](#) [60/0](#) [60/60](#) ?
- Sound insulation: 39dB
- Partition height (available up to 3000mm): [2750mm](#)
Head condition: [bulkhead/finished and plastered opening](#)
Deflection allowance: [N/A](#)
- Fixings at abutments: [finished and plastered opening](#)
Finish/colour: [RAL tbc](#)
Joint treatment: [Mastic Fire Joint](#)
- Glazed panels: [12mm – 25mm Clear Fire Glazing](#)
Glazing as clause 480.
Glass type(s): [12mm – 25mm depending on fire requirements](#)
Manifestation: [tbc](#)
Door frames: [Z31 aluminium slimline doorframe / GG55 Steel doorframe for double doors or insulated doors](#)
Head: [X87 aluminium channel - depending on fire requirements](#)
Base: [X89 aluminium channel - depending on fire requirements](#)
Door: [Timber or Glass](#)
Ironmongery: [SSS Lever, lock, latch and overhead closer](#)
- Other requirements: [\[_____\]](#)

GENERALLY

320 SAMPLE(S): Before placing orders submit representative sample(s) of [_____]
Ensure that delivered materials match samples.

340 ENVIRONMENTAL CONDITIONS:

- Do not install partitions until the building is weathertight and wet trades in adjacent areas have finished their work. Before, during and after installing, ensure that temperature and humidity are maintained at levels similar to those which will prevail after building is occupied.
- Notwithstanding the above, delivery of materials and installation of the partitions will be taken as acceptance by the Partition Contractor of the suitability of the environmental conditions.

375 NEW WET LAID BASES: Provide or ensure provisions of a continuous strip of bituminous felt dpc or other approved material under partitioning cut to the full width of the partition.

INSTALLATION

410 WORKMANSHIP GENERALLY:

- Handle, store, assemble and fix partition components and accessories in accordance with manufacturer's recommendations, ensuring compliance with design and performance requirements.
- Set out accurately with all frames/panels plumb, true to line and level and free from bowing, undulations and other planar distortions.
- Align all joints accurately with no lipping.
- Fix securely, ensuring provisions of additional supports where necessary at perimeters, to give a stable partition resistant to specified design loads.
- Make adequate allowance for moisture and thermal movement of boards/panels.

425G INSTALLING RELOCATABLE PARTITIONS:

- Check dimensions on site well in advance of fabrication/installation. Report any discrepancies and problems of fit to the PM and obtain instruction before proceeding.
- Protect all floor finishes during installation of partitions using a suitable nonslip covering.
- Deviations at perimeter abutments must be accommodated whilst maintaining the

performance of the partition system.

- Form make up/closer pieces accurately around any projections and features. Do not cut or otherwise alter panels except where shown on drawings or otherwise agreed with the PM.
- Keep intermediate joints in exposed frame members and trims to minimum by using the longest unjointed lengths available from the manufacturer.
- Ensure that all substantial conductive parts of the partition are electrically continuous and fully earth bonded in accordance with BS 7671 (The IEE Wiring Regulations).
- Provide and maintain protection to all components in vulnerable positions (doorsets, ironmongery, panels, corner posts, etc.) until Completion.

435 INSTALLING PLASTERBOARD PANEL PARTITIONS:

- Use timber or metal frame inserts as recommended by the panel manufacturer, sized to give a firm press fit into the panel cavity. Provide additional timber inserts/plugs as necessary to support fixtures and fittings and mark positions for following trades.
- Securely fix continuous timber sole plate to floor at 600 mm centres. Secure panels to sole plate, adjacent walls, ceiling and each other with frame inserts. Line all openings with frame inserts.
- Securely fix perimeter frame inserts to backgrounds at 600 mm centres. Fix panels to frame inserts at 300 mm centres for screws and 230 mm centres for nails.
- Rebate panels at right angle junctions.

436 ADDITIONAL LININGS TO PLASTERBOARD PANEL PARTITIONS: Bond to both sides of partitions using the recommended adhesive. Stagger joints between layers by not less than 150 mm.

445 INSTALLING PLASTERBOARD LAMINATED PARTITIONS:

- Use timber battens to sizes recommended by the plasterboard manufacturer.
- Securely fix continuous timber battens at 600 mm centres to floor, walls and ceiling. Fix full height battens adjacent to door openings and angle junctions. Trim door heads and all sides of other large openings with battens.
- Bond all plasterboard layers together with 60 mm wide, 5 mm thick continuous bands of adhesive at 300 mm centres and centred on all joints.
In addition, nail first and third layers to the battens at 300 mm centres.
- Stagger joints between layers by not less than 150 mm.
- Protect partitioning against all movement for at least 4 hours after erection.

446 TWO HOUR FIRE RESISTING PLASTERBOARD LAMINATED PARTITIONS: In addition to clause 445, skew nail outer layers to second (core) layer on each side of partition with nails recommended by plasterboard manufacturer, staggered each side of joints at 150 mm centres, 25 mm from board edge.

455 TAPED SEAMLESS FINISH TO PLASTERBOARD PARTITIONS:

- Lightly sand cut edges of boards to remove paper burrs. Apply PVAC sealer to exposed cut edges of boards and any other plaster surfaces to which tape is to be applied.
- Fill all joints, gaps and internal angles with joint compound and cover with continuous

lengths of paper tape, fully bedded. Reinforce external angles/stop ends with the specified bead/corner tape.

- When set, cover with joint finish, feathered out to give a flush, smooth, seamless surface.
- Spot nail/screw depressions with joint filler to give a flush surface.
- Fill minor indents. After joint, angle and spotting treatments have dried, lightly sand to remove any minor imperfections.
- Apply specified primer/sealer to give a continuous consistent texture to surface of boards.

470 PERIMETER SEALS:

- Sealant material: A type recommended by the partition/panel manufacturer.
- Apply continuously to clean, dry, dust-free surfaces, leaving no gaps.

475 FIRE STOPPING: Seal any gaps at junctions of partitions with perimeter abutments, services, etc. using tightly packed mineral wool or approved intumescent sealant, to prevent penetration of smoke and flame.

490 IRONMONGERY:

- Prepare frames and doors accurately to accept locks, strike plates, hinges, etc. and associated fixings.
- Assemble and fix carefully and accurately using fastenings with matching finish supplied by partition/ironmongery manufacturer. Prevent damage to ironmongery and adjacent surfaces. At completion check, adjust and lubricate as necessary to ensure correct functioning.