**MINIMAL WINDOWS® 4+ SLIDING GLASS DOORS**

SPECIALISED TRIPLE GLAZED ALUMINIUM SLIDING DOOR SYSTEM FOR [PROJECT NAME]

LOCATION: [location of minimal windows® 4+ within the building]

Drawing reference(s): [drawing reference/number]

Manufacturer: IQ Glass UK, Sky House , Raans Road , Amersham , Bucks  HP6 6JQ, Tel: 01494 722 880

Product reference: [consult IQ for specific product reference]

Item Description: [include size, configuration, location and general description]

Door Configuration: [nr of sliding panels, confirmation of sliding panels]

Frame material: Thermally broken aluminium framing

 Colour/Finish: [powder coated any RAL colour]

Frame profile dimensions: Vertical panel joint 26mm, Head Profile 60mm, Side Profile 60mm

Base Detail: 60mm aluminium framing set onto specialised Neoprene drainage base block, 20-40mm deep in accordance to IQ Glass design drawings and drainage details.

 Base Track: *(please delete as necessary)*

Standard Ingress Track, 26-27mm deep tracks within the floor, powder coated as above.

Freeway® Base, aluminium powder coated as above, flush base frame inside to outside. *(please note this base option results in the base frame of the sliding panels to be visible above the finished floor level)*

Drainage: [IQ Flush Threshold Drain / Drainage by others]

Glass Specification: Triple Glazing, 10mm toughened outer, 14mm argon filled gas cavity, 6mm toughened middle, 14mm argon filled gas cavity, 10mm toughened inner with low e coating

 Ug Value: 0.7 W/m2K

Additional glass options: Low Iron Glass, Low Maintenance Coatings, Solar Control Coatings, Coloured/Decorative Interlayers (available on small sizes), Acoustic Interlayer (available on small sizes), Anti Reflective Glass

Required Performance: Air Permeability: Class 4 in accordance with EN12207

Water Resistance: Class E1050 in accordance with EN 12208

Resistance to Wind Load: C5 in accordance with EN12210 (also tested for Hurricane wind loads, see below).

Thermal Performance: Uw value of 0.8 W/m2K

Security: WK2 in accordance with EN 1627

Acoustic Reduction: Rw (C; Ctr) up to 43 dB(1-;-5)

Barrier Free Accessibility: DIN 18040-1, DIN 18040-2

Hurricane Testing: Cyclic Wind Pressure Testing to 3510 Pa, Static Wind Resistance +/-4500Pa Wind Pressure in accordance with TAS 203 and 202

Impact Resistance: tested for large missile impact at 15.5 m/s in accordance to TAS 201

Ironmongery: Locking: [nr] 2 point thrust lever locking integrated into sliding door vertical profile, stainless steel shoot bolts.

Handles: [nr] thrust lever handle, powder coated [RAL colour reference], handle height above the floor finish 1.1m *(if other height please specify)*

Sliding Rails: 2x rails in base of sliding track, stainless steel

Wheels: Stainless steel, in paired wheel carriages built into base of each sliding panel, number of wheels in accordance with IQ Glass design.

Fixing: as per IQ Glass design drawings

Size: All dimensions to be confirmed by CAD drawing.