

**SYSTEM 22 . NBS SPECS -
PIVOT DOORS**

General: All sections to be extruded from aluminium alloy specification 6060/6063 T6 complying with BS EN 755-9:2001. Aluminium profiles to be manufactured to BS EN 1509001/9002.

The fabricated product to conform with BS 4873.

The glass/framing sections to withstand the design wind loading calculated in accordance with BS 63099 pt2: 1995.

System: Thermally broken outer frame sections mounted on a formed 4mm thick aluminium cill with welded stopped ends. Thermally broken glazing sections bonded to structurally calculated insulating glass units.

MAXIMIUM PANEL WIDTH	1200mm
MAXIMIUM PANEL HEIGHT	3000mm
MAXIMIUM PANEL WEIGHT	135kgs

Standard glazing details: Hermetically sealed double glazed units to BS6262, BS EN 12600, BS5713 with black spacer bars and a P.I.B primary seal and silicone backing seal 32/34mm thick with a 16mm Argon filled cavity.

Incorporating: An outer pane of 10 or 12mm toughened float glass and an inner pane of 6 or 8mm toughened soft coat low-E glass.

Glass to be toughened to BSEN 12150.

Ironmongery and fittings: Doors are hung on Dorma BTS75 Floor springs incorporating a Dorma adjustable pivot at the head. Stainless steel 19mm diameter 'D' handles 300mm long mounted on purpose made stainless steel brackets.

Shear Mag locks to head and in bottom rail.