# Brio®

**Stackadoor 200**
For Top Hung Multidirectional Stacking Systems. Max 200kg Each

## Application

Designed for stacking very large and heavy individual panels into dedicated areas on industrial and commercial applications where folding panels would not be suitable.

Each panel is supported by two hangers which can negotiate 45°, 135° and swept 90° switches.

Floor channel is not necessary since the panels may be secured in position by stops, flush bolts or locks.

To cover any width of opening, any number of panels can be used.

Stainless steel hangers make Stackadoor 200 ideal for installations close to the waterfront, in areas with a high corrosive atmosphere or to comply with food or health regulations.

## Panel Specification

| | |
|---|---|
| **Track System:** | **Stackadoor 200** |
| For Individual Panels: | |
| Max Panel Height | 3000mm |
| Max Panel Weight | 200kg |
| Min Panel Thickness | 35mm for timber |

Frameless toughened glass panels require a top rail for securing the M10 hanger bolts plus a bottom rail for securing the locks or bolts.

Timber panels can be flush, panelled or glazed. Suitable also for metal framed panels.

Panels should be constructed to provide secure fitting for the hangers.

## Hardware Specification

| | |
|---|---|
| **Track:** | 500 |
| Material | Aluminium, Clear Anodised |
| Standard Lengths | 6000mm |

Stacking bays are made to order for each application.

Fasten track at 500mm maximum centres with M10 stainless steel bolts, reducing to 250mm centres at stacking area and switches. Fasten at 25mm from track ends and joints.

| | |
|---|---|
| **Track Jointing Plate:** | 500J180 |

Four required at each butt joint in the track.

| | |
|---|---|
| **Pivot Set:** | 500P10SS |

Top and bottom pivots for single access panel.

**Hangers (2 per panel):**

| | |
|---|---|
| Hanger and bolt | 500HWS10 |

Hangers are fitted with stainless steel ball race wheels and all other components are in stainless steel. Vertical adjustment is simple and positive.

| | |
|---|---|
| Hanger with flat plate | 500HWS/61SK |
| Hanger with corner bracket | 500HWS/21SK |
| | |
| **Door Stop** | 500DS |

**Accessories:**

| | |
|---|---|
| Flush Pulls | 401 |
| Flush Bolts | 456 |





No. 500HWS10 HANGER    No. 500HWS/61SK HANGER

No. 500P10SS PIVOT SET    No. 500HWS/21SK HANGER

No. 500DS DOOR STOP    No. 401 FLUSH PULL    No. 456 FLUSH BOLT

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16mm THICK TIMBER PAD

FASTEN TRACK AT 500 MAXIMUM CENTRES WITH M10 STAINLESS STEEL BOLTS, REDUCING TO 250 CENTRES AT STACKING AREAS AND SWITCHES. FASTEN AT 25 FROM TRACK ENDS AND JOINTS

PELMET WITH REMOVABLE FILLETS TO ALLOW FOR VERTICAL ADJUSTMENT

98

72

18-24

3-6

No. 500HW16 HANGER

No. 21KCA-A MOUNTING ANGLE PLATE, 25 WIDE REQUIRES RECESS Ø16 X 40 DEEP. ALTERNATIVE No. 61SSC-A MOUNTING FLAT PLATE. SAME RECESS BUT WITHOUT VERTICAL LEG

VERTICAL LEG OF MOUNTING ANGLE PLATE 152 LONG

No. 456 FLUSH BOLT

6 MIN.

No. 500HW HANGER WITH BK500HWS-10B BOLT

40

5

No. 61SSC-A FLAT MOUNTING PLATE

Ø16

25

35

35 MIN THICKNESS FOR TIMBER PANEL USING No. 61SSC-A FLAT MOUNTING PLATE

GROOVE FOR No. 500J180 TRACK JOINING PLATE

MOUNTING BLOCK

GASKET

TOP RAIL

No. 500HW10 HANGER WITH M10 BOLT

M10 ADJUSTING BOLT IN STAINLESS STEEL FITTED DIRECT TO MOUNTING BLOCK AND SECURED BY GRUB SCREW

10 OR 12 TOUGHENED GLASS

BOTTOM RAIL

GASKET

PACKER

BOLT

A FEW EXAMPLES OF POSSIBLE STACKING POSITIONS

**1**

PIVOT

**2**

PIVOT

135°

45°

**3**

NOTE: MINIMUM DISTANCE BETWEEN CENTRE LINE OF DOORS WHEN STACKED IS 85