

PRODUCT

Datasheet PD01

Performance certified pre-engineered
and bespoke steel doors



Boothindustries Booth-EXT R

External Enveloping Rebated Edge Door

PERFORMANCE

Thermal Insulation: U Value 1.9W/m²K°
BS476: Fire rated up to E30/I30 (30 minutes integrity/
30 minutes insulation)

LEAVES

- 42mm thick, twin tray with 21mm rebated edges on three sides
- 1mm thick galvanized steel skins
- Fully bonded mineral fibre core

Each vertical leaf edge is reinforced internally with 5mm thick steel strips which add extra strength and provide fixing positions for the hinges.

A 40mm thick steel and fibre board reinforcement is built into the top of the leaf for closers or friction stay location and additional reinforcements are provided at the lock position and for vertical panic systems.

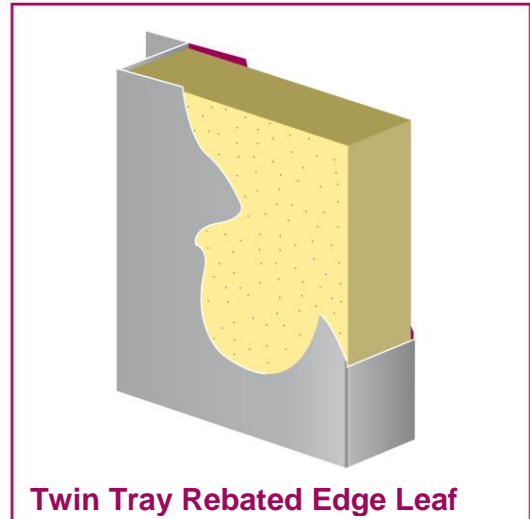
FRAMES

- 1.5mm thick galvanized steel folded to form a standard 100mm single rebate profile, as shown on Product Datasheet PD06-2.

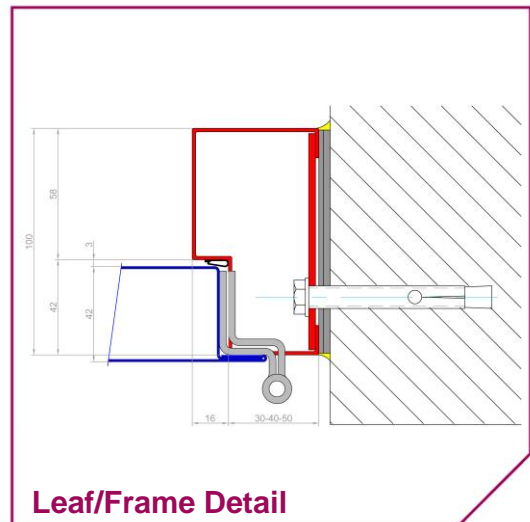
Headers are profiled to form a smooth butt joint with the vertical jambs using a bolted connection.

Vertical jambs are reinforced with 5mm thick steel plates at the hinge and wall fixing positions.

Shallow depth extruded aluminium thresholds with integral seals are optional items, along with perimeter tear drop seals in the frame rebates at the verticals and the header.



Twin Tray Rebated Edge Leaf

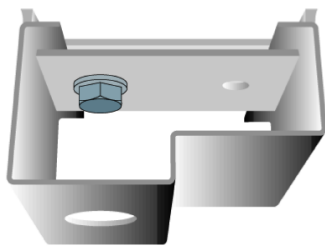


Leaf/Frame Detail

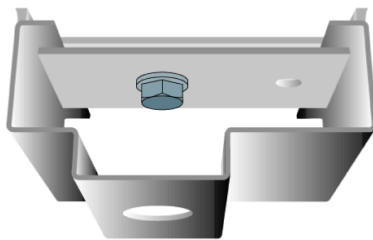
OIL & GAS | NUCLEAR | DEFENCE | SECURITY, BALLISTIC & ANTI-TERROR
TUNNELS & STATIONS | PETROCHEMICAL
INDUSTRIAL | ARCHITECTURAL | AVIATION | FLOOD DEFENCE

Booth Industries a member of the Redhall Group plc, a leading niche engineering support services group operating in the energy, defence and process sectors.

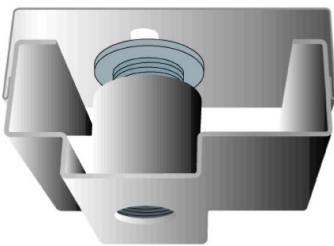
A Redhall Group Company



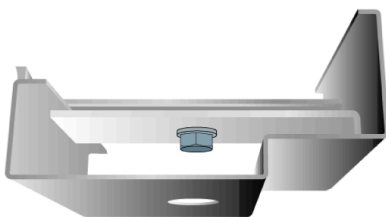
PD06-02 Single Rebate



PD06-01 Double Rebate



PD06-05 Adjustable Double Rebate



PD06-09 UK 'Corner' Single Rebate

Ironmongery

BOOTH-EXT R door sets can be provided with the following standard ironmongery items:

HINGES:

1½ pair Grade 14, 114x100mm stainless steel, high performance butt hinges with 21mm cranks and polymer bearings tested to 1,000,000 cycles.

Totally maintenance free; No lubrication needed.

OVERHEAD CLOSERS:

Heavy duty overhead closers with 2-5 or 3-6 strength in a silver finish.

OVERHEAD FRICTION STAYS:

Z105 heavy duty stays to prevent leaves from swinging freely in windy conditions, PPC finished in grey.

PANIC BOLTS:

Exidor single and double, vertical rod panic escape systems finished in silver.

Also available with outside access devices with Euro-profile cylinders for access from outside the building.

LOCKS & LATCHES:

DIN standard mortice sash locks, latches and deadlocks.

HANDLES:

Stainless steel lever, pull handles and push plates.

FINISHES:

PPC finishes as standard in any BS or RAL colour.

Note: Whatever ironmongery is selected all items are normally factory fitted, requiring no additional assembly work on site.

This datasheet is issued for general information only and is not intended as a substitute for information contained in the relevant British Standards. As Standards are under constant re-appraisal, it is essential that the full document be consulted.

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