Press for T.D

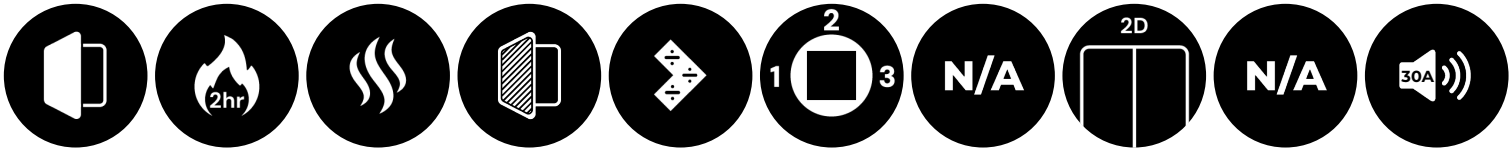
Datasheet

# R53/120S/PD/BF/L12A/2D/30A

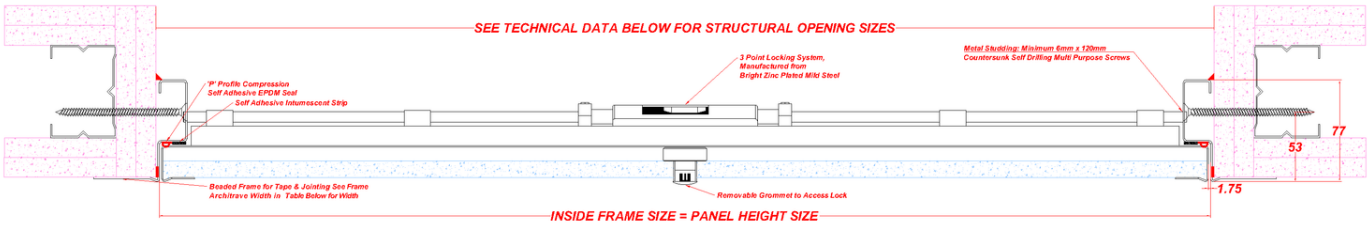
## Description

Premium Plasterboard Faced Riser Door, Supplied with a Spring Pin Hinge System, 2 Hour fire rated & Ambient Smoke Control Tested, Plasterboard Door, Beaded Frame, 3 Point Locking System, Double Door Unit, 30 dB Acoustic Rated, Powder Coated RAL 9010 30% Gloss.

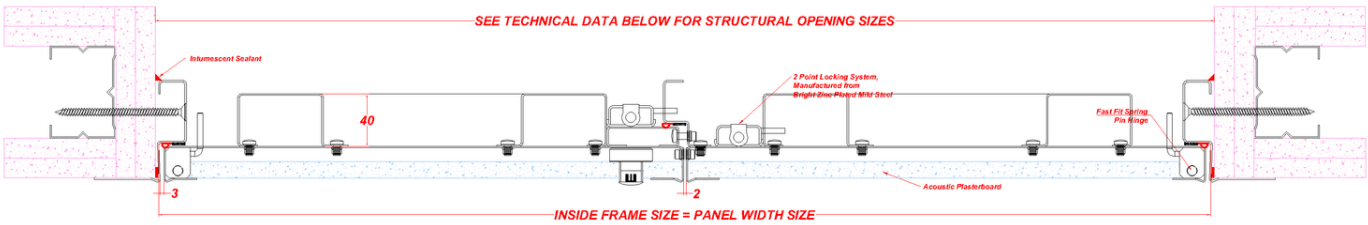
| PRODUCT TYPE | FIRE RATING | SMOKE TESTED | DOOR TYPE | FRAME TYPE | MASTER LOCK TYPE | SECONDARY LOCK TYPE | NUMBER OF DOOR LEAVES | AIRTIGHT RATED | ACOUSTIC RATED |
|---|---|---|---|---|---|---|---|---|---|




## Section Drawing Height (H)




## Section Drawing Width (W)




## Technical Data

| | |
|---|---|
| Wall or Ceiling or Both (Dual) | Wall |
| Fire Rating | • 2 Hour Fire Rated |
| Fire Test Standard | • BS EN 1634-1: 2014+A1:2018 |
| Fire Performance Rating | • Integrity (E) |
| Fire Tested Side | • Wall application Face (Room Side / opening towards the fire risk side) |
| Fire Tested Size H x W mm | 2400x1800mm |
| Assessed Maximum Panel Sizes | No increase permitted |
| Size range: Minimum to maximum (H × W mm). Fire Rated Panels: See assessed maximum panel sizes for allowable increases. | 600x600mm up to 2400x1800mm |
| Smoke Test Standard | BS EN 1634-3: 2004 |
| Airtightness Tested | No Rating |
| Acoustic Test Standard | BS EN ISO 10140-2: 2010 |
| Acoustic Rating | 30dB |
| Corrosion class C1, C2, C3, C4 | C1 - Very Low: Exterior: Not suitable for outdoor use. Interior: Heated buildings with clean atmospheres, e.g. offices, shops, schools, hotels. |
| Flexible Wall Types | • The wall type shall provide a suitable medium to permit adequate fixity.<br>• Other rated wall constructions, not listed below, may also be acceptable, subject to expert advice from a qualified fire consultant<br>• Plasterboard clad steel stud partitions (exposed studs are not covered) |

| | |
|---|---|
| | · 2no layers of 15mm thick Gyproc Fireline to the face & rear of the partition.<br>· The aperture must be lined with 1No layer of 15mm thick Gyproc Fireline.<br>· Walls must be supported by fire resistance test evidence confirming they remain in place and intact for at least 120 minutes. |
| Rigid Wall Types | · Currently not Covered |
| Shaftwall Types | · Currently not Covered |
| Mixed Construction Wall Types | · Currently not Covered |
| Ceiling Types | · Not Suitable for a Ceiling Application |
| Frame Fixing Types | · Metal Studding: Minimum 6mm x 120mm Countersunk Self Drilling Multi Purpose Screws |
| Frame Fixing Hole Distance back from the Face of the Panel | · 53mm |
| Permitted Gaps Between the Rear of the Frame and the Structural Opening | · 3.5mm Height x 3.5mm Width |
| Permitted Sealants | · Rockwool Fire Pro Intumescent Sealant |
| Application of Intumescent Sealants | · Applied Behind the Frame to the Frame Jamb prior to installation<br>· Applied Sealing the Rear of the Frame to the Structural Opening |
| Structural Opening Size | · Panel Height Size + 10mm x Panel Width Size + 10mm |
| Panel Size Formula H x Wmm | Inside Frame Size |
| Clear opening size through the installed panel with the door leaf open at 90 degrees | · Panel Height - 50mm x Panel Width - 160mm |
| Composition / Manufacturing | |
| Quality Category | Premium Range |
| Product Design Category | Standard Product |
| Ironmongery Details | · 3 Point Locking System. Bright Zinc Plated Mild Steel<br>· Fast Fit Spring Pin Pivot Hinge manufactured from electroplated steel |
| Lock Security Level | Grade 1 – Low Security |
| Frame Architrave Width (e.g. Picture / Beaded Frame) | · 50mm |
| Frame Steel Thickness | 1.2mm |
| Door Steel Thickness | 0.9mm |
| Door & Frame Material Grade | · Frame: Zintec Steel to BS EN 10152 : 2017 DC01 + ZE 25/25<br>· Door Leaf: Zintec Steel to BS EN 10152 : 2017 DC01 + ZE 25/25 |
| Frame Depth | 77mm |
| Board Infill Type | · 12.5mm Thick GTEC dB Board |
| Seal Type | · 9mm x 5.5mm White 'P' Profile Compression Self Adhesive Neoprene Seal<br>· Envirograph G10/10 10mm x 2mm Self Adhesive Intumescent Strip |
| Paint Type | · Polyester Powder Coated<br>· RAL 9010 30% Gloss Pure white |

## Installation Guide

1) Open the door, release the Spring Pin hinge system, and lift the door out of the frame.

2) Place the frame in the aperture, ensuring it's 7mm larger than the panel size.

3) Fix the frame into the aperture using all fixing holes, ensuring it is square and flush with the wall.

4) Refit the door by placing the lower Spring Pin hinge pin, sliding the top hinge pin until fully located, and closing the door.

5) Apply sealant to the frame's rear, nominally 5mm wide sealing to the structural opening.

6) Lock the door with the key, ensuring it is flush with the frame.

**Independent bracing or support may be needed for the Riser Door weight.**

**Before applying the plaster skim coat, apply joint filler and scrim tape over the junction between the beaded frame and the beaded door plasterboard to prevent cracking.**