

SPECIFICATION SHEET

SILENCIO BIFOLD



SPECIFICATION DATA

System: Criterion Industries Silencio Bi-folding door system

Acoustic Rating: Rw 37

Configuration: Refer Criterion “Systems Capacity Data” for maximum height & Width. Also refer to notes below with regards to maximum Door Size.

Doors: Criterion Industries Barwon Aluminium Framed Glazed Door.

Stile Size: Narrow - 72mm.

Rail Size: Top Rail - 67mm. Bottom Rail - 112mm.

Door Size: Nominate Door Size. Maximum Door Height: 3000mm. maximum door Width: 1100mm.

Door Weight (Max): 75 kg

Number of Doors (Max): 16 Doors

Opening Width (Max): 16,000 mm

Insulation: All voids of perimeter frames to be insulated as per Manufacturer’s Instructions.

PRODUCT DESCRIPTION

The Silencio Bifold Door System is a premium top-rolling folding door designed to provide superior acoustic performance with an RW rating of 37. Engineered for seamless operation, it offers the flexibility to open wide for collaboration or close to create a quiet, distraction-free environment.

Ideal for commercial interiors, the Silencio Bifold is perfect for meeting rooms, office partitions, and education spaces where noise control is essential. Its refined design ensures smooth functionality, making it an excellent choice for modern workspaces that demand both versatility and acoustic performance.

VIC

23 Scanlon Drive
Epping, VIC, 3076
T: 03 9355 0700

sales@critterionindustries.com.au

NSW

29 Killo Crescent
Glendenning, NSW, 2761
T: 02 9355 0700

sales.nsw@critterionindustries.com.au

WA

58 Tacoma Circuit
Canning Vale WA 6155
T: 08 9355 0700

sales.wa@critterionindustries.com.au

QLD

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Glass: 12.5mm “V Hush” Glass to AS1288 Glazing Code. Maximum

Glass Coverage Required: Vertical – 14mm (7mm either side)
Horizontal – full coverage at base, 25mm at top.

Glazing: Silicone Seal (Wet) or Rubber Gasket (Dry). Select color (Black or Grey).

Finish: Powdercoat or Anodise.

Hardware:

- Door Handle (Nominate Height).
- Threshold Plate as per Shop Drawing.
- Seals: As per Shop Drawing.
- WhisperGlide Automatic Drop Seal.
- Door Guide: Integrated with WhisperGlide Automatic Drop Seal

Sliding Tracks/ Bifold Mechanisms Details

Track: CI-2248 Platinum 90 Integrated Sliding Track

Seals: Whisperlon

Bifold Hardware: Tommafold Concealed 62 Series System

Bifold Hardware Finish: Satin Stainless / Black

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Structural Support For Sliding tracks:

Bifold System will require overhead structural support to fix sliding tracks too. A suitably qualified Structural Engineer should be engaged to design/Specify Structural support.

Installation: As per manufacturer's "Assembly" details.

Hardware:

- Door Handle (Nominate Height).
- Threshold Plate IS4140 as per Shop Drawing.
- Seals - As per Shop Drawing.
- WhisperGlide Automatic Drop Seal.
- Door Guide - Integrated with WhisperGlide Automatic Drop Seal

For Door Heights between 2700 mm to 3000 mm, 900mm flush bolts will be used. 600 mm otherwise. Glazing beads of the doors will always be on the back of the door / inside the room. Inwards or Outwards to be always be determined from outside of the room looking inwards. From the outside of the room pushing the door is Inwards Folding. From outside of the room and pulling the door towards you is Outwards Folding. Hinge handles will always be on the inside of the room. Flush bolts will always be on the inside of the room unless otherwise requested by the customer. Doorstop will always be on the opposite side of the folding direction.

Installation As per Manufacturers Instructions*

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