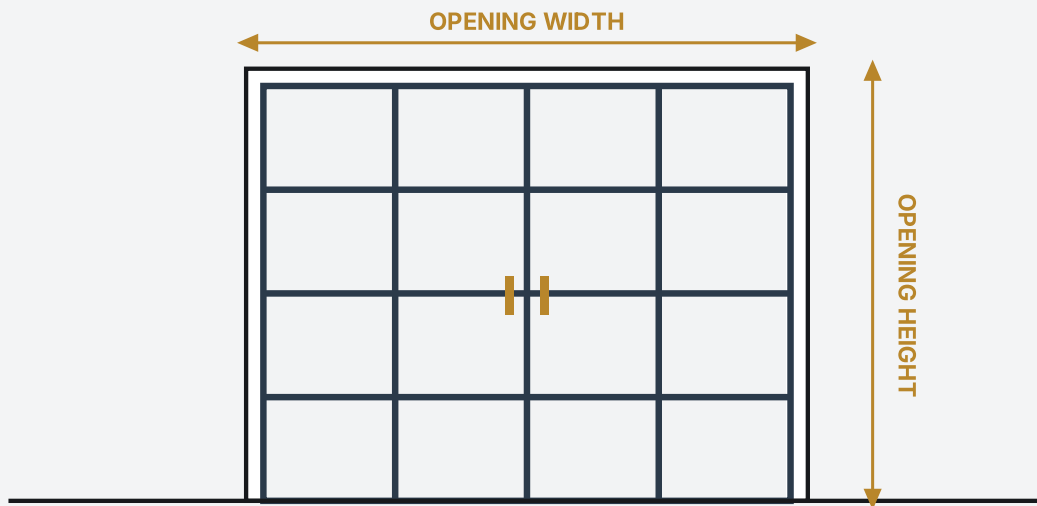


HINGED SINGLE & DOUBLE (FRENCH) DOORS

Measuring Guide for a new door unit

A step-by-step guide to measuring your opening so we can quote and manufacture your steel door accurately. It takes about 15 minutes and needs no special tools.



What you'll need

- A steel tape measure (5 m or longer)
- A spirit level (600 mm or longer)
- Pen, and the record sheet on page 4
- Your phone, for photos
- A second person is helpful for wide openings

Before you start

- Measure the **structural opening** — the finished timber, block or steel framing your door will fix to — not the old door or its frame.
- If the old frame is still in place and cannot be removed yet, note that on the record sheet and we'll talk you through it.
- Give us the opening size only. **Do not subtract any clearance** — Eurosteel calculates fitting tolerances for you.

THREE RULES THAT MATTER MOST

Measure in millimetres.

Write every figure in mm, to the nearest millimetre. No feet, inches or centimetres.

Measure three times.

Take width and height at three points each. Openings are rarely perfectly square.

Record the smallest.

The smallest of your three readings is the figure we work from. Write all three down anyway.

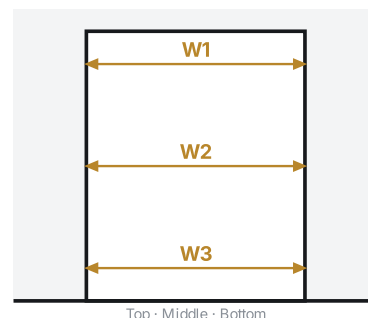
1

Measure the width

Hook your tape on one side of the structural opening and measure across to the other side. Do this at the **top**, **middle** and **bottom** of the opening, holding the tape level each time.

Record W1, W2 and W3 on the sheet and circle the smallest.

Tip: If there is old plaster, packing or a timber liner in the opening, measure to the solid framing behind it, and tell us what the lining is.



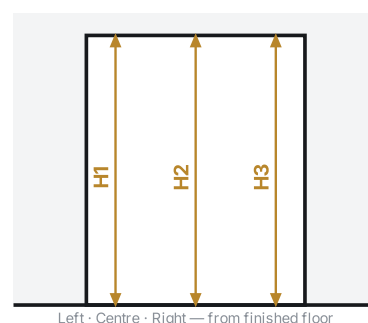
2

Measure the height

Measure from the **finished floor level** (or the top of the sill substrate) up to the underside of the head framing. Do this at the **left**, **centre** and **right** of the opening, keeping the tape plumb.

Record H1, H2 and H3 and circle the smallest.

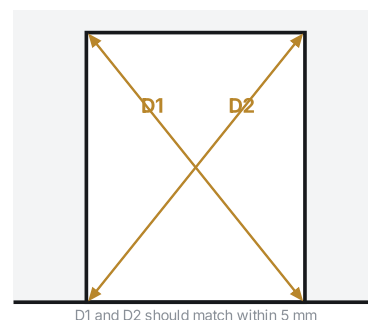
Important: If the floor finish (tiles, timber, decking) is not yet laid, measure to the structural floor and tell us the intended finished floor thickness on the record sheet. This is the most common cause of a door being the wrong height.



3

Check the opening is square

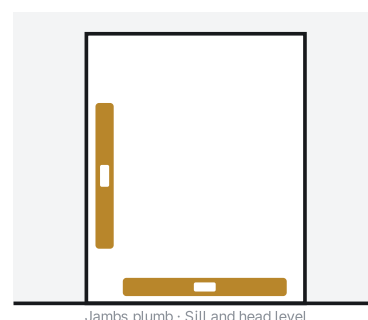
Measure both diagonals, corner to corner. If the two figures are within **5 mm** of each other the opening is square enough. If they differ by more, record both — we'll allow for it in the frame design and may recommend the framing be trued up first.



4

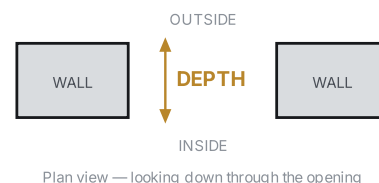
Check plumb and level

Hold your spirit level against each side jamb (plumb) and along the sill and head (level). Note on the sheet whether each is true, or roughly how far out it is and in which direction. Small variations are normal; large ones we need to know about.



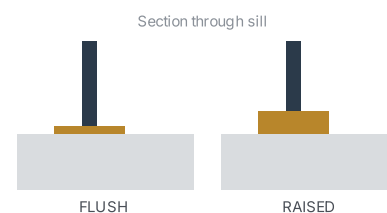
5 Measure the reveal depth

Measure the thickness of the wall through the opening, from the outside face of the cladding to the inside face of the lining. Also note what the wall is made of (timber frame, concrete block, brick veneer, steel) and where in that depth you'd like the door to sit — flush with the inside, the outside, or centred.



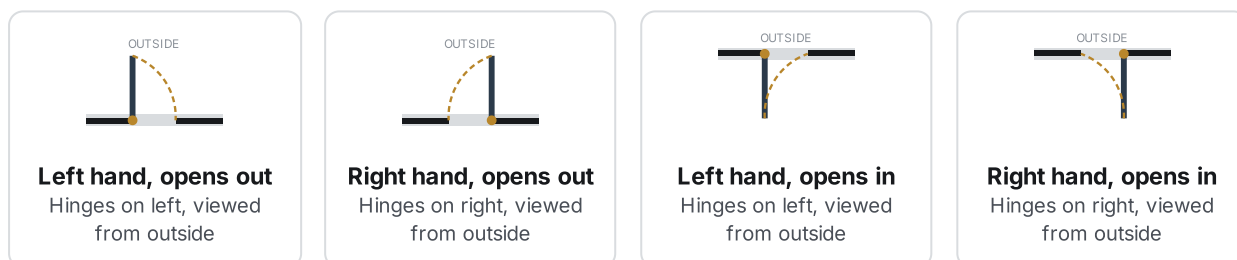
6 Tell us about the sill and threshold

Note what is below the door: a concrete slab, timber floor, deck or step. Tell us whether you'd prefer a **flush threshold** (level with the floor, common for indoor–outdoor flow) or a **raised threshold** (better weather performance on exposed walls). Note the floor finish inside and outside and its thickness if not yet laid.



7 Confirm the handing and swing

Handing is always described **standing outside, looking at the door**. Note whether the door opens **inward** or **outward**, and which side the hinges are on. For a double (French) door, tell us which leaf you want as the **active leaf** — the one with the handle you use every day.



Plan views — the dashed arc shows the swing, the dot marks the hinge. For a double door, mark the active leaf as L or R on the record sheet.

8 Photograph the opening

Take at least four photos and send them with your record sheet: the whole opening from **inside**, the whole opening from **outside**, a close-up of the **sill / floor junction**, and a close-up of one **side jamb** showing the wall construction. A photo of your tape on the opening is always welcome.

Common mistakes to avoid

- Measuring the old door or its frame instead of the structural opening
- Measuring height before the floor finish is decided
- Taking only one width and one height reading
- Describing the handing from inside the house
- Subtracting your own clearance from the figures

Not sure about something?

Send us what you have. A quick phone or video call with your measurements in hand usually sorts any question in a few minutes.

For larger projects, or where the opening is out of square, we can arrange a site check-measure before anything goes into manufacture.

Measurement record sheet

Complete one sheet per door opening. All dimensions in millimetres. Photograph or scan this page and send it to us with your site photos.

Your name		Phone / email	
Site address			
Opening reference	e.g. "Living room to deck"	Date measured	

WIDTH — CIRCLE SMALLEST

W1 Top	mm
W2 Middle	mm
W3 Bottom	mm

HEIGHT — CIRCLE SMALLEST

H1 Left	mm
H2 Centre	mm
H3 Right	mm

DIAGONALS

D1	mm
D2	mm

REVEAL DEPTH

Wall depth	mm
Wall type	☐ Timber ☐ Block ☐ Brick ☐ Other

CONFIGURATION

Door type	☐ Single hinged ☐ Double (French) ☐ With sidelight(s) ☐ With toplight		
Swing	☐ Opens in ☐ Opens out	Hinge side (from outside)	☐ Left ☐ Right
Active leaf (doubles)	☐ Left ☐ Right	Threshold	☐ Flush ☐ Raised
Floor finish inside	material / thickness	Floor finish outside	material / thickness
Plumb & level	☐ All true ☐ Out of true — describe:		
Old frame still in place?	☐ No ☐ Yes	Floor finish laid?	☐ Yes ☐ Not yet
Notes			

BEFORE YOU SEND IT

- | | |
|--|--|
| ☐ Width measured at three points, smallest circled | ☐ Handing and swing confirmed from outside |
| ☐ Height measured at three points, smallest circled | ☐ Floor finishes and thresholds described |
| ☐ Both diagonals recorded | ☐ Four photos taken (inside, outside, sill, jamb) |
| ☐ Reveal depth and wall type noted | ☐ Nothing deducted — raw opening sizes only |

Send your completed sheet to Eurosteel

Email your record sheet and photos to orders@euro-steel.co.nz or call **027 915 2526**. We'll confirm the manufacturing sizes with you before anything goes into production.