



INVISIBLEDOOR
from the factory to you

Technical Data Sheet - Flush Hinged Door



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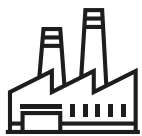
Premium quality:

- **Minimal perimeter gap**
- Long-lasting **flush alignment** with the wall
- Long-term **frame stability** within the wall
- **Certified suppliers**



MANUFACTURING

100% Made in Tuscany since 2001.
Online since 2013.



DISTRIBUTION

Direct sales, no intermediaries.
Outstanding value for money.
Premium customer support.
Shipping throughout Italy and
worldwide.

KEY FEATURES

FINISHED WALL THICKNESS

Minimum finished wall thickness: 70 mm.

Suitable for installation on any finished wall with a minimum thickness of 70 mm.

WALL TYPE

Suitable for installation **on all wall types.**

Please specify the wall type when placing your order.

UNIFORM PERIMETER GAP

Uniform perimeter gap on three sides, achieved by the rebated frame with integrated acoustic gasket.

The frame is always factory pre-assembled.

REVERSIBLE HANDING

A Right Push door is identical to a Left Pull door.

A Left Push door is identical to a Right Pull door.

Please specify the opening direction when placing your order.

KEY FEATURES

LONG-TERM DURABILITY

Our system is designed to provide decades of reliable performance and is covered by a 2-year statutory warranty.

DOOR LEAF FINISH

Supplied factory-primed and ready for painting.

PRIMED DOOR LEAF

Can be finished with any type of paint, including the same paint used on the adjacent walls.

CLADDING, WALL PANELLING AND SKIRTING BOARDS

The door leaf can be clad with wall panelling and/or decorative panels up to 15 mm thick, including adhesive, with a maximum total weight of 70 kg.

For pull-opening doors, a **45° cut through the thickness of the cladding** is required to allow a full 90° opening. For push-opening doors, no cutting or modifications are required.

*See the photo on the following page**



— EXAMPLE PHOTO

RIGHT PULL DOOR

No handle: ALC (plain door leaf with Cisa key cylinder).

FOR OUR HANDLE
COLLECTION, PLEASE
REFER TO THE
DEDICATED CATALOGUE
AVAILABLE ON OUR
WEBSITE.

***Dettaglio lavorazione
zoccolino/battiscopa:
• taglio a 45°***

****Vedi nota
pagina
precedente***

— EXAMPLE PHOTO

PORTA CON APERTURA DESTRA A SPIGNERE

Predisposizione fori: A1 (Foro maniglia + foro chiave patent).

Maniglia: il cliente ha acquistato e installato in autonomia una coppia di maniglie completa di rosetta per chiave patent.

FOR OUR HANDLE
COLLECTION, PLEASE
REFER TO THE
DEDICATED CATALOGUE
AVAILABLE ON OUR
WEBSITE.

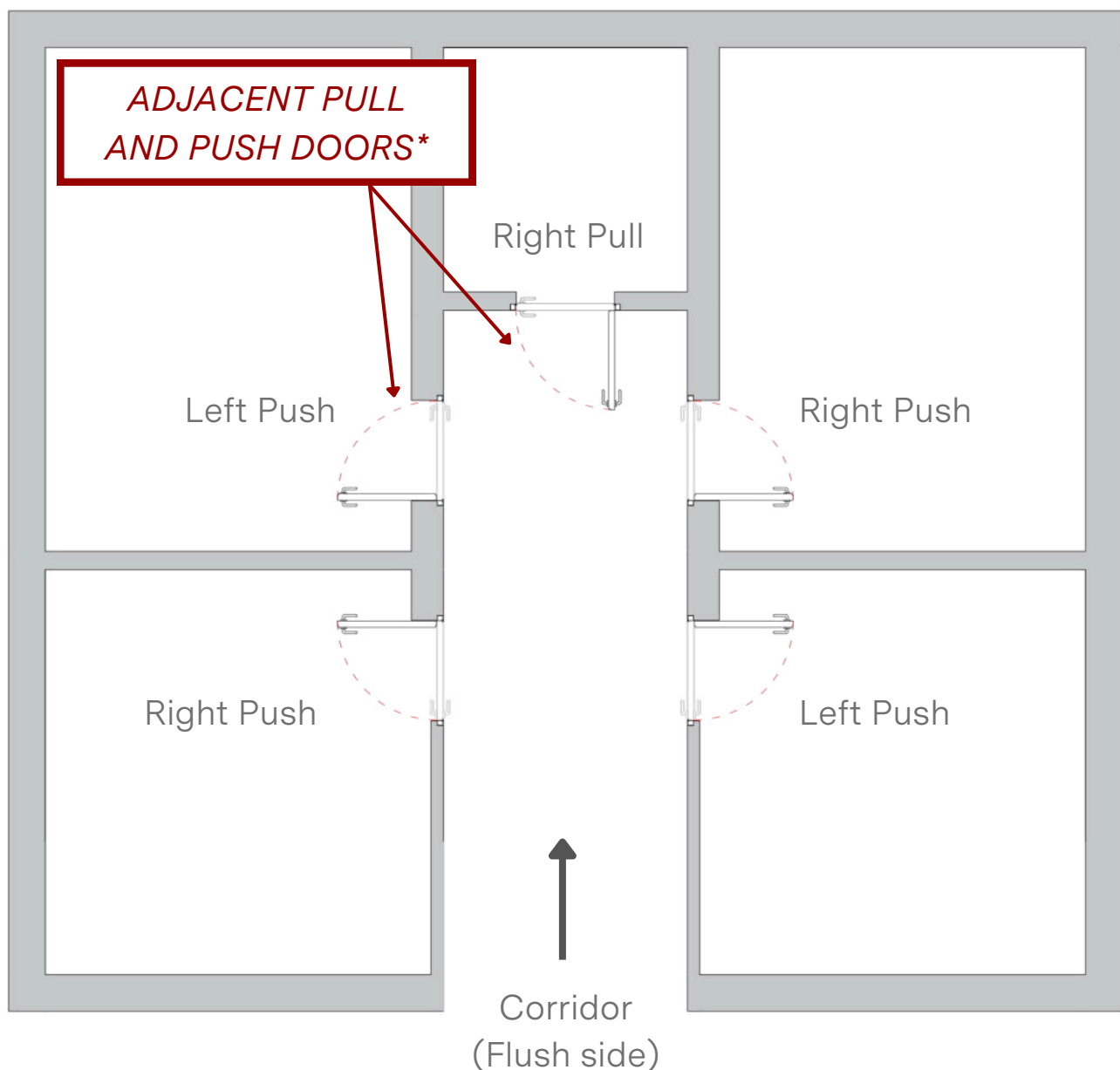


OPENING DIRECTIONS

WATCH THE EXPLANATORY VIDEO ON YOUTUBE: [CLICK HERE](#) 

The opening direction of a door is determined by imagining yourself standing outside the room you wish to enter.

For example, if you are standing in the corridor outside a bedroom and you push the door to enter, with the hinges on the right-hand side, it is a Right Push door.



Please note: the drawing intentionally shows walls of different thicknesses. Our frames can be installed in any wall type with a minimum finished wall thickness of 70 mm.

IMPORTANT NOTE

ADJACENT DOORS AND WARDROBES

ADJACENT DOORS

*See the diagram on
the previous page**

A pull-opening door installed next to a push-opening door will result in a misaligned top gap. An additional charge applies to align the top gap.

For further information, please contact our Customer Service.

DOOR + WARDROBE

*See the diagram on
the previous page**

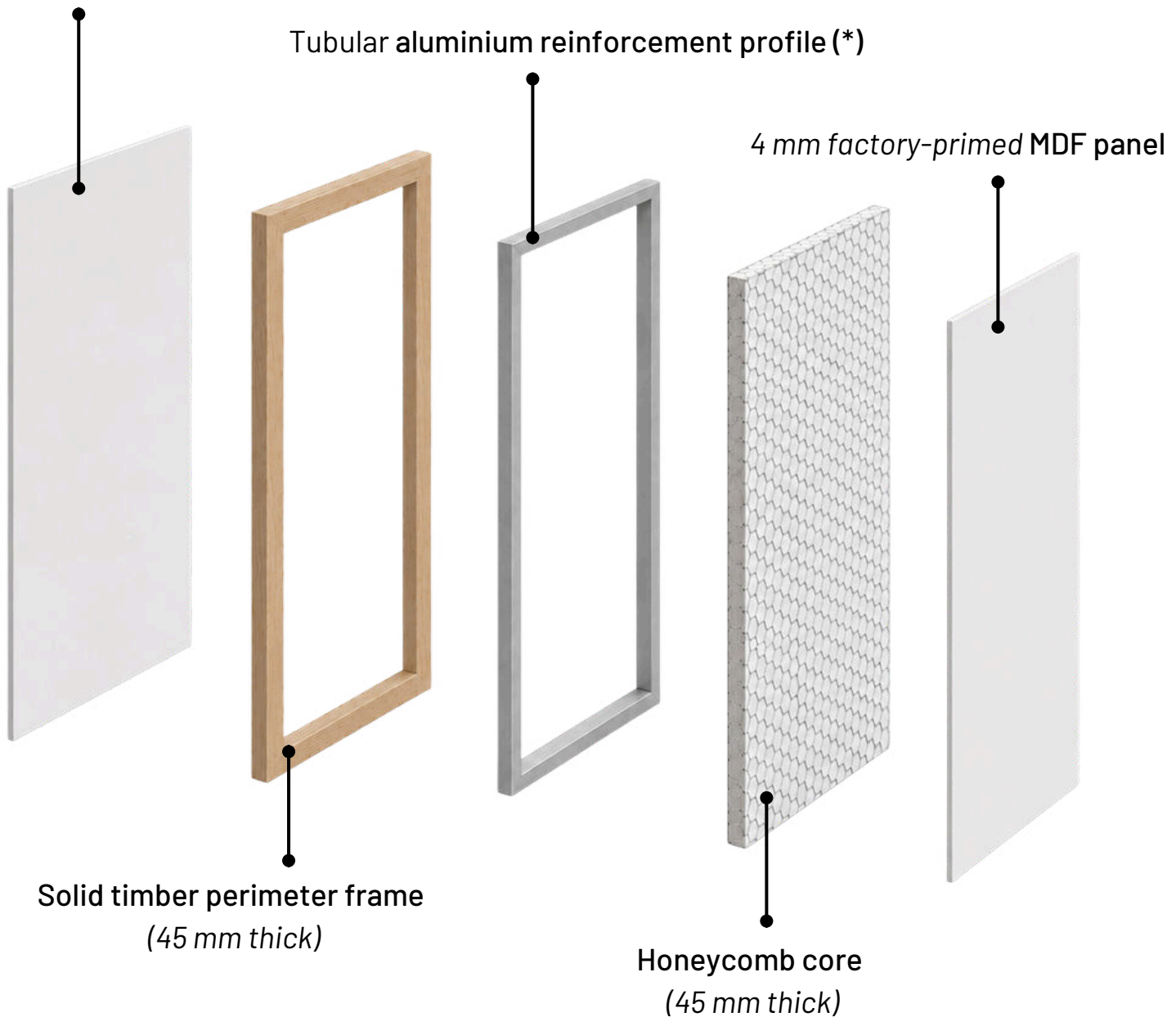
A 70 × 210 mm door installed next to a 70 × 210 mm wardrobe will result in a misaligned top gap.

An additional charge applies to align the top gap. Please contact our Customer Service for further information.

DOOR LEAF

INTERNAL STRUCTURE, MATERIALS AND STANDARD CONSTRUCTION

4 mm factory-primed MDF panel



(*) The aluminium tubular reinforcement profile is fitted only to oversized door leaves from 850 mm in width and 2250 mm in height.

DOOR LEAF EDGE DETAIL



**Enlarged
view –
Detail 1
Full door
leaf edge**



**Enlarged
view –
Detail 2
Full door
leaf edge**



SOUND REDUCTION



RECOMMENDED APPLICATIONS

Recommended for residential and light commercial applications where high sound reduction performance is not required.



Bedrooms



Bathrooms



Laundry rooms



Day / Night areas



Home offices



Offices

HEIGHT ADJUSTMENT

CAN OUR DOOR LEAVES AND FRAMES BE TRIMMED TO REDUCE THEIR HEIGHT?

In some installations, it may be necessary to improve air circulation between adjoining rooms or to trim the door leaf and frame on site to meet specific installation requirements.

- A shorter door leaf can be specified at the quotation or ordering stage to increase the air gap between the door leaf and the floor.
- **The door leaf and frame can be trimmed at the bottom (between the door leaf and the finished floor) by up to 30 mm directly on site.**

CONTROLLED VENTILATION

Upon request, the door leaf can be manufactured with an **increased clearance** between the door leaf and the finished floor to improve air circulation. This dimension must be specified before production begins.

ON-SITE TRIMMING

The door leaf and/or frame can be trimmed on site by up to **30 mm in height, where required.**

LIMITATION

The door leaf must not be trimmed by more than 30 mm, as this could compromise the structural integrity of the internal tubular aluminium reinforcement profile.

*For specific requirements, please **contact our Customer Service** before placing your order.*

AVAILABLE FINISHES

FACTORY-PRIMED OR FULLY PAINTED

FACTORY-PRIMED • TO BE PAINTED ON SITE

Our door leaves are supplied factory-primed, ready to be painted on site using the **same paint as the adjacent walls** to achieve a seamless appearance, or finished with wallpaper, wall panelling or other decorative cladding.

FULLY PAINTED

Our fully painted door leaves are supplied ready for installation. Available in any **RAL, NCS or Pantone® colour**.

The painted finish is always matt. Gloss finishes are not available.

The finish is applied to the entire door leaf, including both faces, all edges and the full thickness. Mixed configurations (painted / factory-primed) are not available, nor is the option of specifying different RAL/NCS colours on each side of the door leaf.

*For further information on custom finishes, please **contact our Customer Service** before placing your order.*

IMPORTANT NOTE

HANDLE AND LOCK HOLE HEIGHT

Finished ceiling or finished
suspended ceiling

1050 mm

950 mm

1050 mm

950 mm

Finished floor

Standard clearance between the door
leaf and the finished floor: 5 mm

Regardless of the door leaf height, the handle and optional privacy lock or key lock preparation is always positioned at the same height from the finished floor.

*For custom configurations or specific requirements, please
contact our Customer Service before placing your order.*

FRAME

ALWAYS FACTORY PRE-ASSEMBLED

Our flush door frame is manufactured from **aluminium** and is always anodised with a **satin silver finish**.

It provides excellent mechanical strength.

MANUFACTURING

Extruded in Barberino di Mugello (Tuscany, Italy).

INSTALLATION

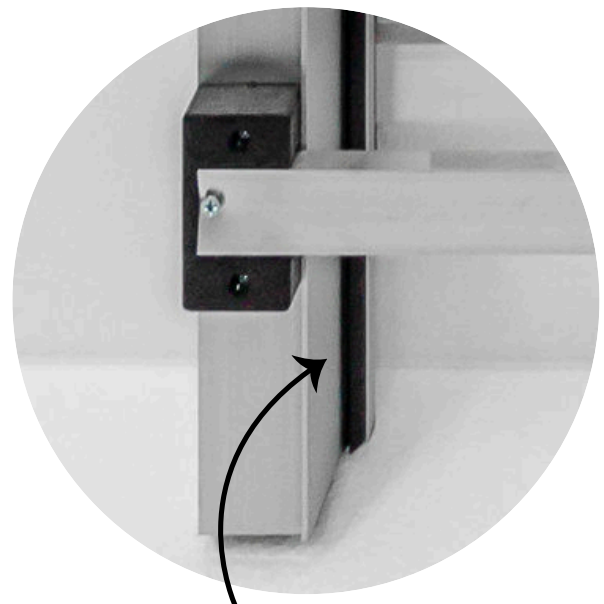
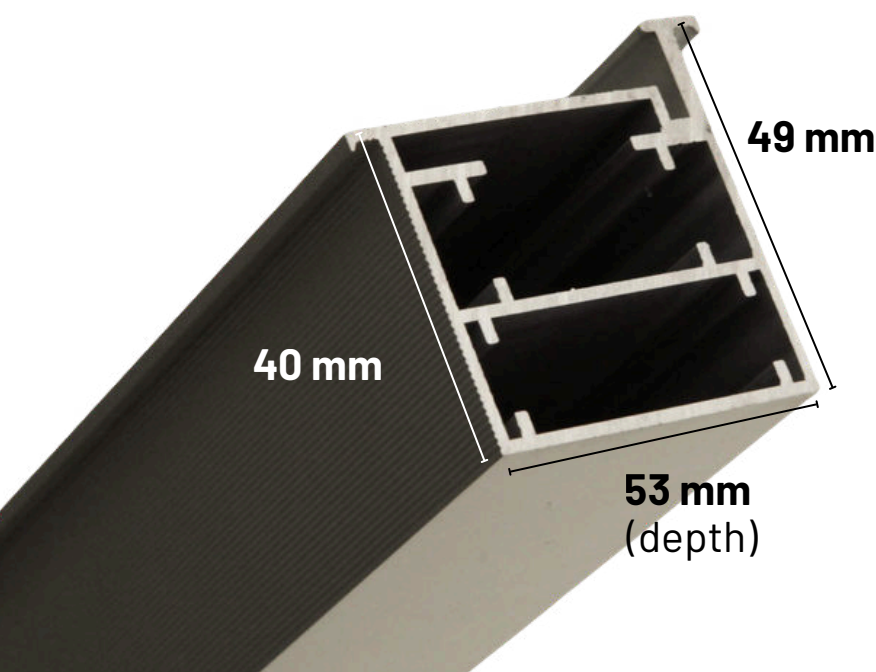
Suitable for installation in all wall types (masonry/plaster, drywall and concrete).

FINISHED WALL THICKNESS

Suitable for installation in walls of any thickness. Recommended minimum finished wall thickness: 70 mm.

INTEGRATED GASKET

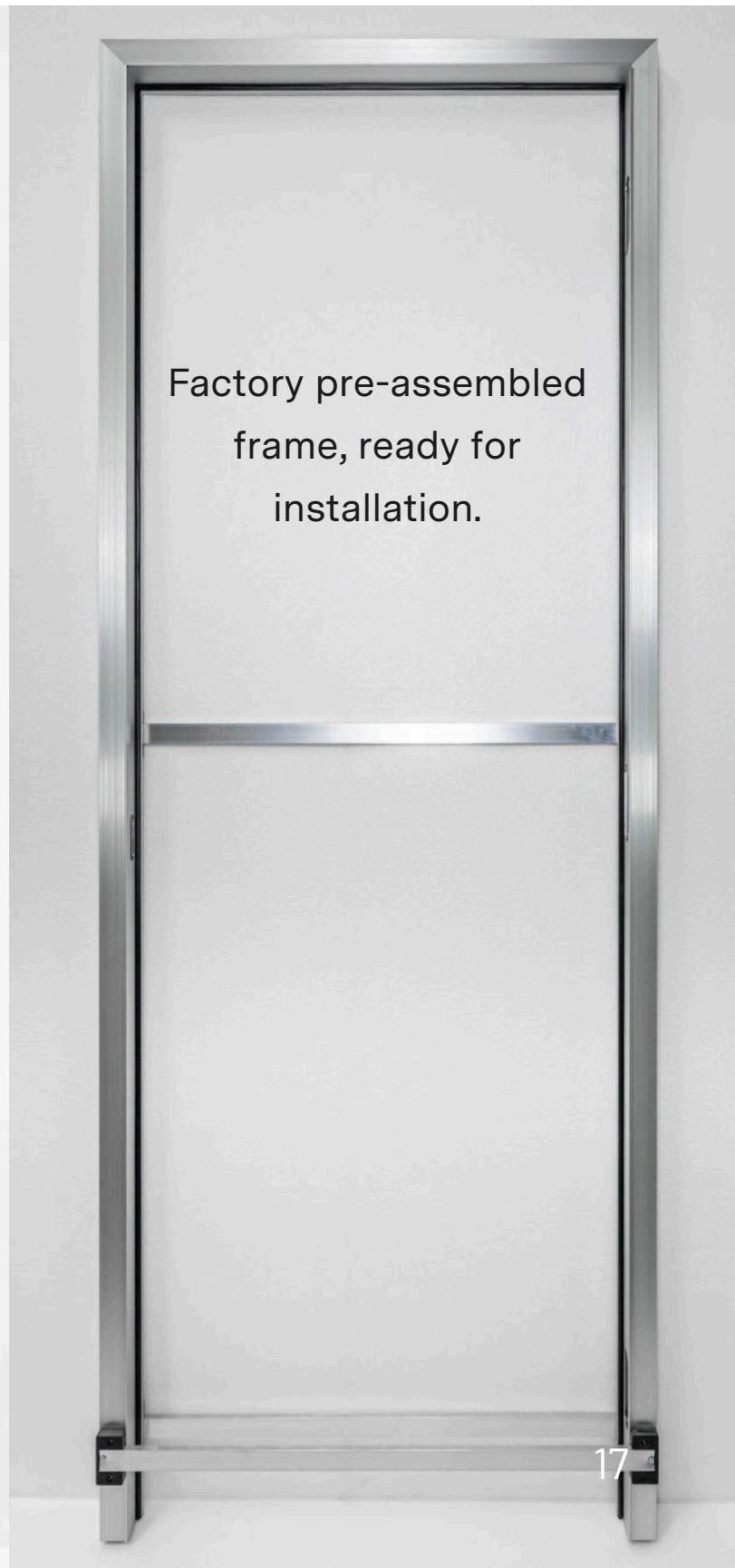
Black acoustic rubber gasket, **factory-fitted**.



Integrated gasket within the frame rebate.

FRAME SPREADER BARS

The spreader bars maintain the correct frame geometry during handling, installation and until the first coat of finishing plaster has been applied.



FRAME

TECHNICAL DIMENSIONS - PLAN VIEW

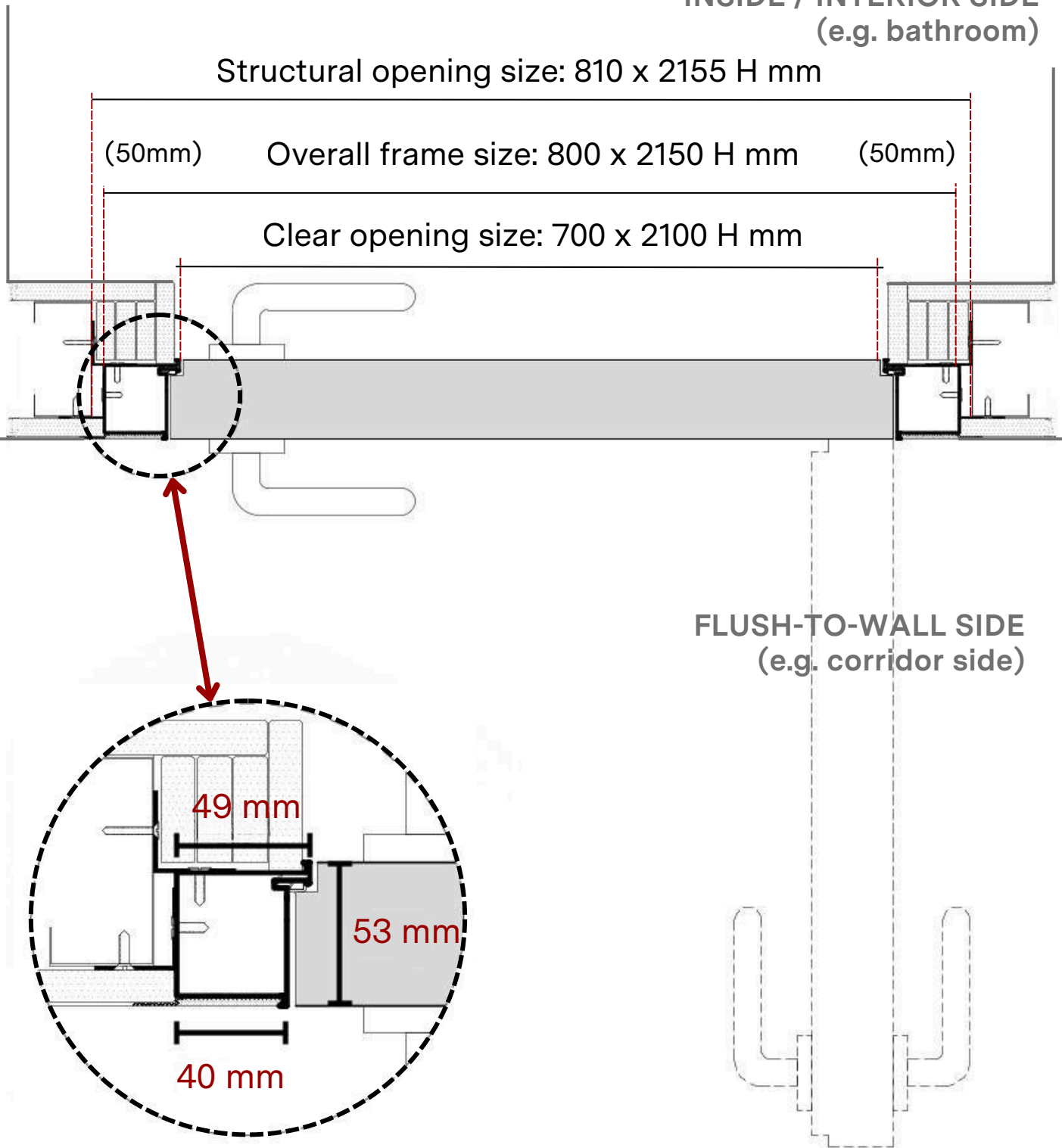
INSIDE / INTERIOR SIDE
(e.g. bathroom)

Structural opening size: 810 x 2155 H mm

(50mm) Overall frame size: 800 x 2150 H mm (50mm)

Clear opening size: 700 x 2100 H mm

FLUSH-TO-WALL SIDE
(e.g. corridor side)



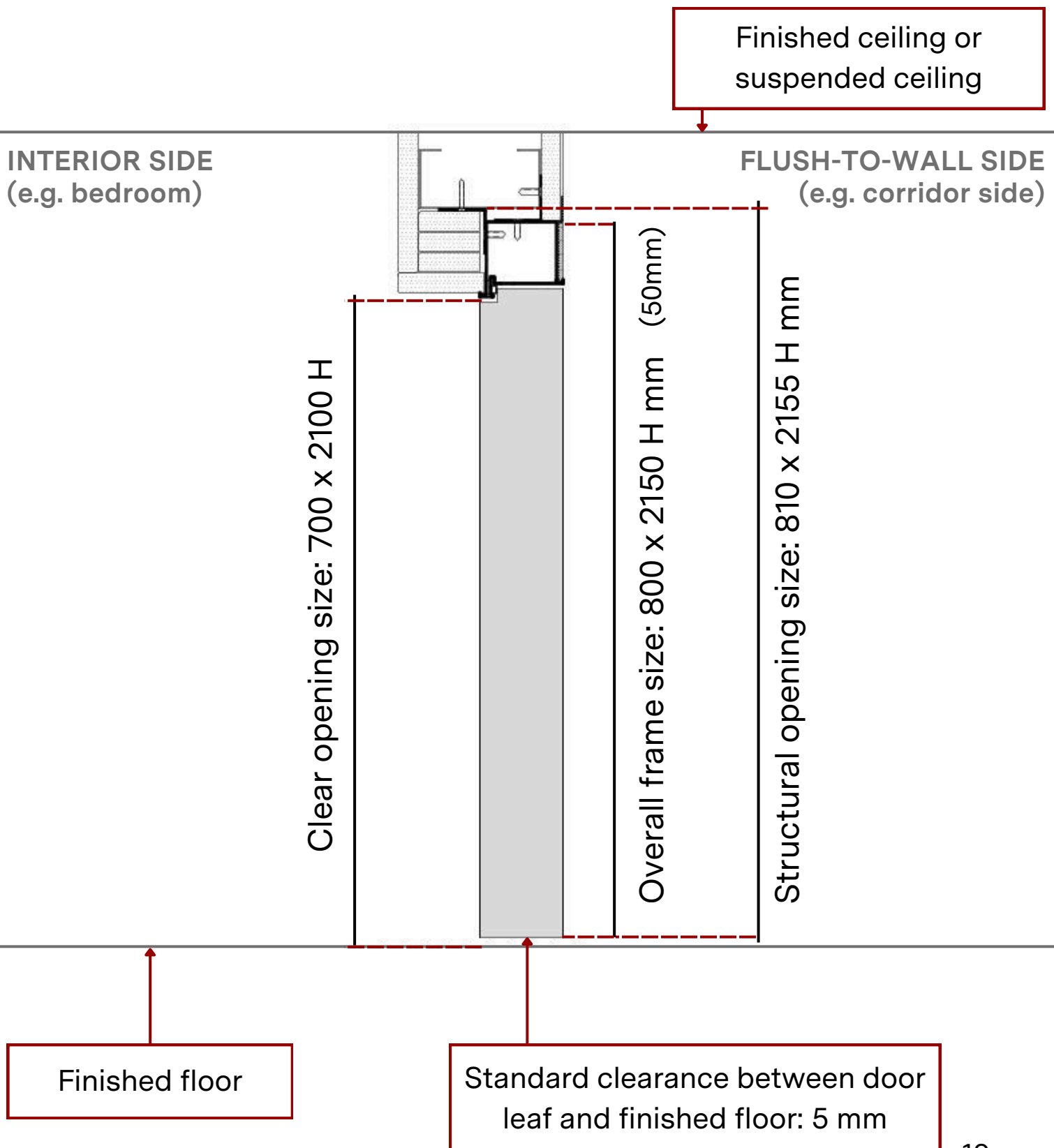
NOTES

The dimensions (of the frame and proportions shown above) also apply to frames designed to be integrated into masonry/plaster walls.

The dimensions in this drawing are for reference only.

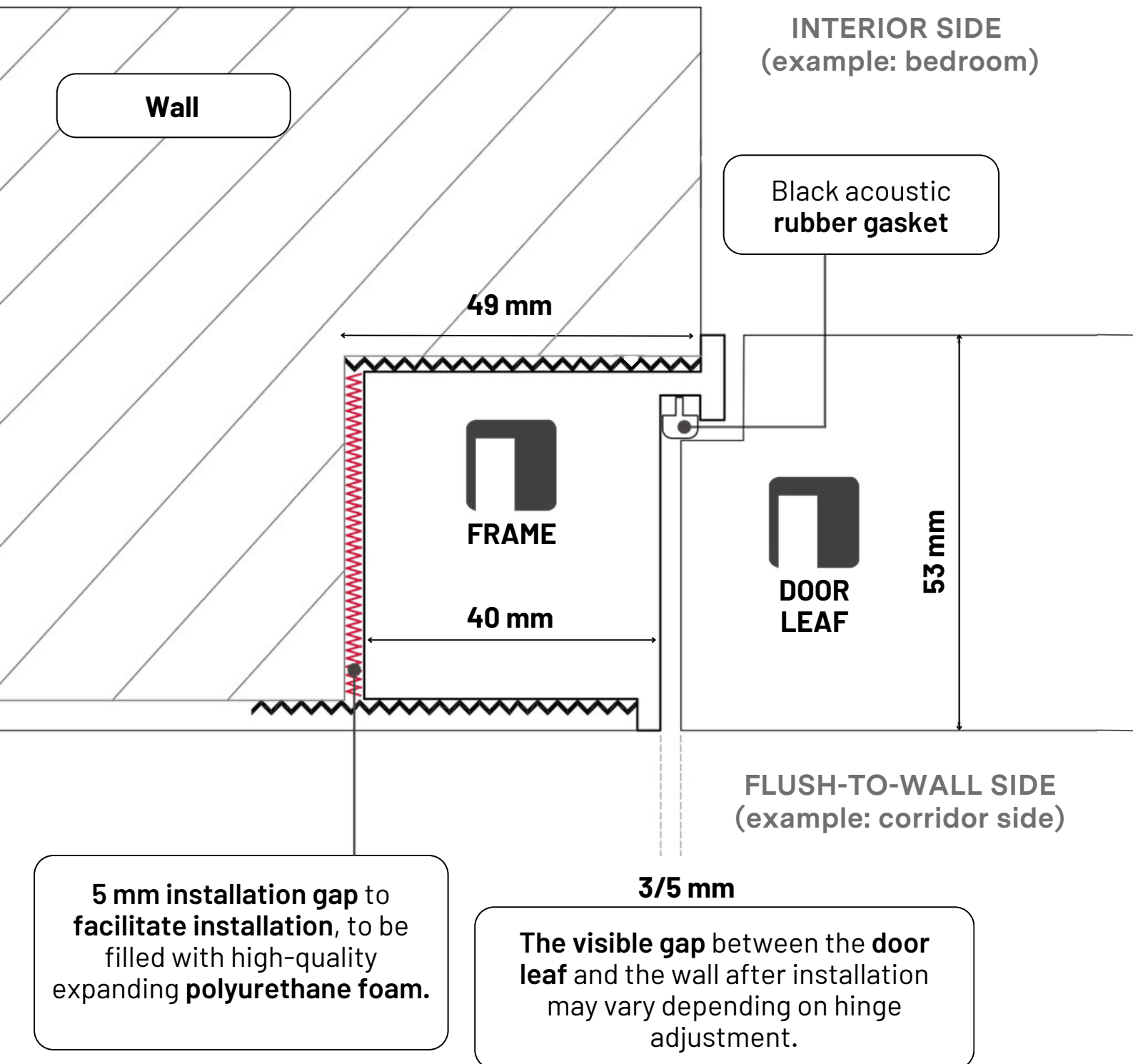
FRAME

TECHNICAL DIMENSIONS - SIDE SECTION



TECHNICAL DETAIL

FRAME-DOOR LEAF JUNCTION



STANDARD SIZE TABLE

Available for online purchase

[CLICK HERE TO CONFIGURE
STANDARD-SIZE DOORS](#)

Clear Opening	Overall Frame Dimensions	Structural Opening
mm 600 x 2100 H	mm 700 x 2150 H	mm 710 x 2155 H
mm 700 x 2100 H	mm 800 x 2150 H	mm 810 x 2155 H
mm 800 x 2100 H	mm 900 x 2150 H	mm 910 x 2155 H

SPECIAL SIZE TABLE

Available for online purchase

[CLICK HERE TO CONFIGURE
SPECIAL-SIZE DOORS](#)

Clear Opening	Overall Frame Dimensions	Structural Opening
mm 900 x 2100 H	mm 1000 x 2150 H	mm 1010 x 2155 H
mm 800 x 2400 H	mm 900 x 2450 H	mm 910 x 2455 H
mm 800 x 2700 H	mm 900 x 2750 H	mm 910 x 2755 H
mm 1000 x 3000 H	mm 1100 x 3050 H	mm 1110 x 3055 H

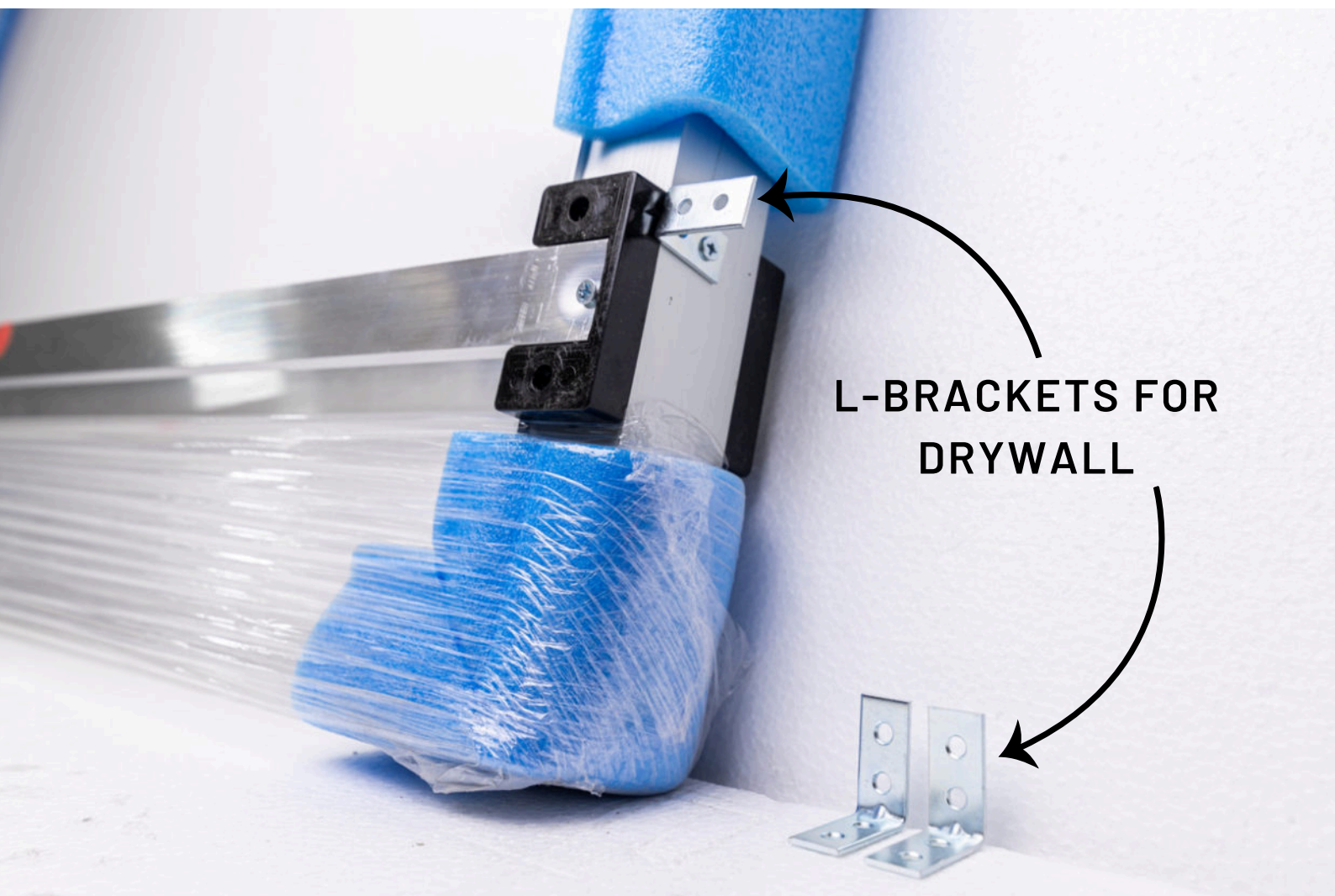
PLEASE NOTE

- All these dimensions are available for online configuration and purchase.
- The custom dimensions shown in the tables are only a selection of those available for online purchase.
- Full-height and custom-made doors are available upon request. For further information, please contact our Customer Service.

FIXING ACCESSORIES

L-BRACKETS FOR DRYWALL

These fixing accessories are always supplied free of charge according to the door configuration.



- The fixing accessories may be packed inside the accessory box (for example, together with the hinges).
- This allows the brackets to be installed in the required position during installation.

The photographs show one of our frames installed in a drywall partition using L-brackets.



Technical details:

As shown in this photograph, the L-brackets are normally installed from the non-flush side.

Refer to the installation instructions for further details.



FIXING ACCESSORIES

MASONRY ANCHOR LUGS

These fixing accessories are always supplied free of charge, depending on the product configuration.



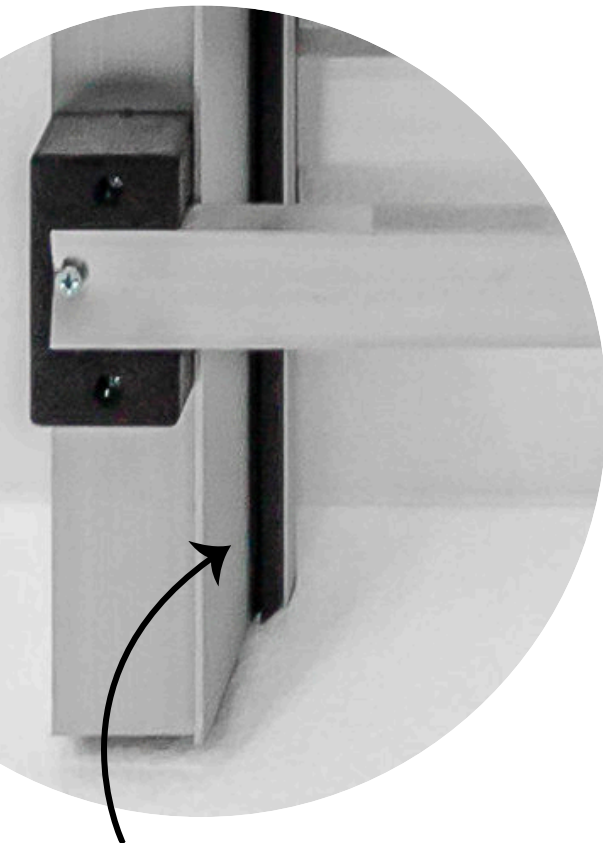
- The fixing accessories may be packed inside the accessory box (for example, inside the box containing the hinges).
- This allows the brackets to be installed in the required position during installation.

The photographs show two of our frames
installed in masonry walls
with anchor lugs.



ACOUSTIC GASKET

FACTORY-FITTED AS STANDARD



Acoustic gasket integrated into the frame rebate.



AVAILABLE IN BLACK ONLY

Other colours are not available, as they may fade over time.



ACOUSTIC PERFORMANCE

Improves sound reduction between adjoining rooms.



FACTORY-FITTED

Factory-fitted to the frame to reduce installation time.



DISCREET INTEGRATION

The frame has been specifically designed to integrate the gasket as discreetly as possible.



FASTER INSTALLATION



IMPROVED LIVING COMFORT



REPLACEMENT KIT AVAILABLE

Should the gasket require replacement, a dedicated replacement kit is available. For further information, please contact our Customer Service.

CONCEALED HINGES

CONCEALED, 4-WAY ADJUSTABLE



180° OPENING

180° opening is generally available on pull-opening doors only.



4-WAY ADJUSTMENT

Four-way adjustment ensures precise alignment with the wall.



LOAD CAPACITY 96–130 kg

96 kg for door leaves up to 2200 mm high.

130 kg for door leaves up to 3000 mm high.



FULLY CONCEALED

Completely concealed within both the door leaf and the frame (invisible when the door is closed).



STANDARD FINISH

Satin silver, matching the frame, magnetic lock and strike plate.



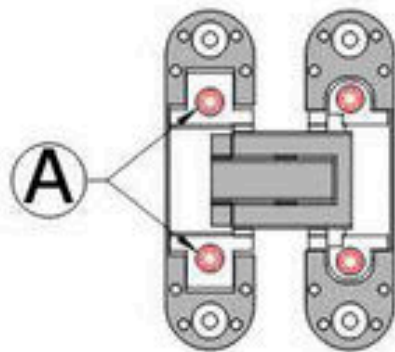
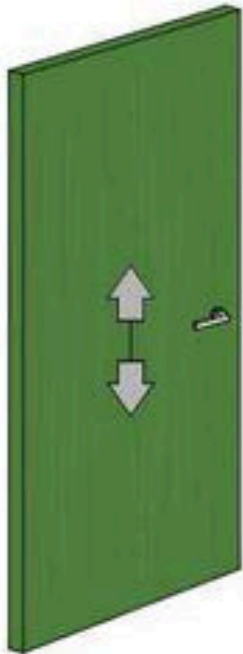
LONG-TERM COMPATIBILITY

Whenever a hinge model is updated, we always use hinges that remain **compatible** with the existing hinge cut-outs on every door we have manufactured and supplied since 2010.

We have been manufacturing flush door systems since 2000, and our online store has been online since 2013.

HINGE ADJUSTMENTS

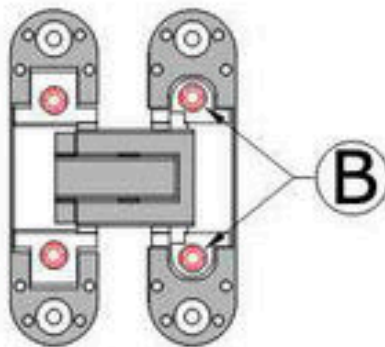
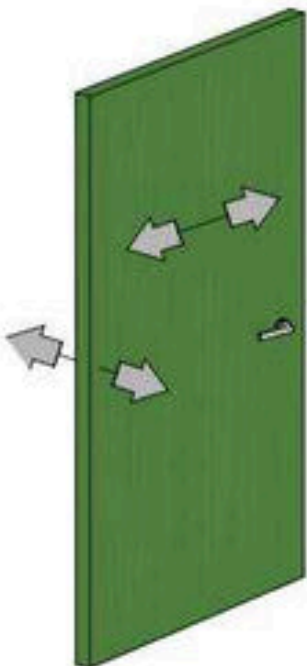
4-WAY ADJUSTABLE



Adjustment screws (A) provide vertical adjustment of +2 mm.

Tightening the lower adjustment screw and loosening the upper adjustment screw raises the door leaf.

Loosening the lower adjustment screw and tightening the upper adjustment screw lowers the door leaf.



Adjustment screws (B) provide both horizontal adjustment (± 1 mm) and lateral adjustment (± 2 mm).

The adjustment screws can be tightened or loosened through a total adjustment range of four full turns.

MAGNETIC LOCK



The magnetic locks fitted to our hinged doors are manufactured by the Italian company **AGB** and are **100% Made in Italy**.



Thanks to the **magnetic latching mechanism**, they provide exceptionally quiet closing ***without leaving wear marks on the strike plate***.



The magnetic lock is **always factory-fitted** within the thickness of the door leaf.

This helps reduce installation time on site.



CERTIFIED AND GUARANTEED SYSTEMS

We work exclusively with leading Italian manufacturers.



FOR DETAILED INFORMATION ABOUT OUR LOCKS, PLEASE REFER TO OUR HANDLE CATALOGUE: **[CLICK HERE](#)**

— EXAMPLE PHOTO

RIGHT-HAND PUSH DOOR

Handle: Olivari Lama (Olivari code: OL)

FOR OUR HANDLE
COLLECTION, PLEASE
REFER TO THE
DEDICATED CATALOGUE
AVAILABLE ON OUR
WEBSITE.



INSTALLATION

A installation video is available on invisible-door.com.

WATCH THE VIDEO TUTORIAL ON YOUTUBE: [CLICK HERE](#) 



INSTALLATION SERVICE

If you require a trusted installer, we can put you in touch with experienced **professionals** who are already familiar with our products.

To request an installation quotation for our products, please email:

sabrina@invisible-door.com

and copy:

info@invisible-door.com 😊

DELIVERY TIMES

CHECK THE DELIVERY
TIMES ON OUR
WEBSITE:

[**CLICK HERE**](#)



PACKAGING & DELIVERY

LEARN MORE ON OUR
WEBSITE:

[**CLICK HERE**](#)



ANTI-DAMAGE PACKAGING

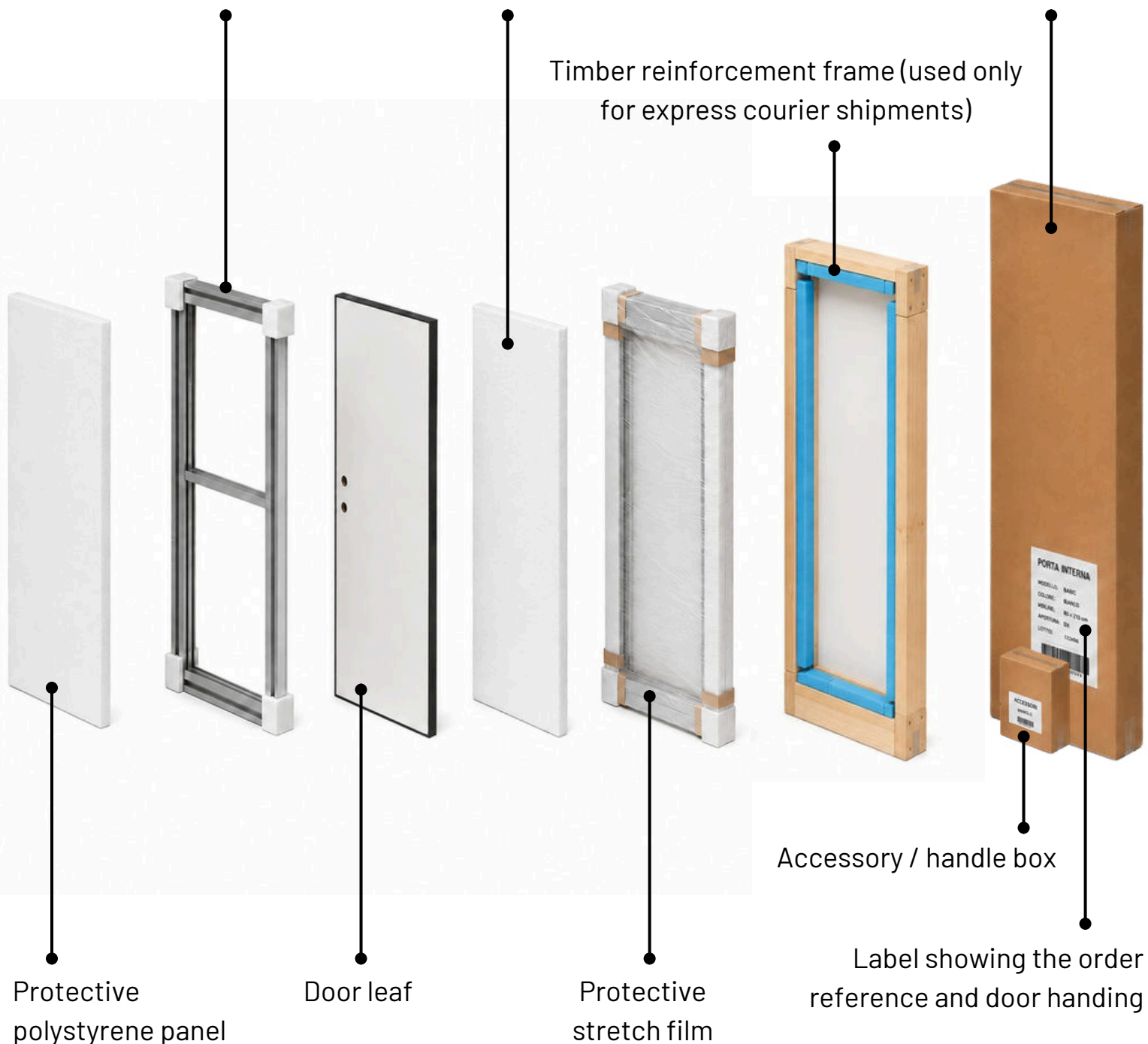
PACKAGING COMPONENTS

Extruded aluminium frame with
moulded protective polystyrene
corner blocks

Protective
polystyrene panel

Recycled cardboard
outer packaging

Timber reinforcement frame (used only
for express courier shipments)



— EXAMPLE PHOTO

ANTI-DAMAGE PACKAGING

Each product is individually packed using impact-resistant protective packaging, specifically designed to withstand even the most demanding transport conditions. **See the packaging details on the next page.**



— EXAMPLE PHOTO

CUSTOM WOODEN SHIPPING CRATE FOR INTERNATIONAL DELIVERIES

Custom-built wooden shipping crates are used for orders delivered outside Italy. Our 100% Full Risk shipping insurance is included with every shipment, both within Italy and internationally.



LET'S TALK ABOUT YOUR PROJECT

Centro Diffusione Serramenti S.r.l. Via Roma, 234 59100 Prato (PO) · Toscana · Italy



All photographs contained in this document were taken, edited and published by the professional photographer Gabriele Corti. | IG: [@gab.corti](https://www.instagram.com/gab.corti)

INVISIBLE-DOOR® is a brand of *Centro Diffusione Serramenti S.r.l.*
No intermediaries. From the factory directly to your home. **Direct customer service.**

EMAIL info@invisible-door.com

DOCUMENT

The technical specifications contained in this document are subject to change without prior notice. Always verify the actual structural opening dimensions before installation.
Last updated: **2026**.