



PRODUCT CATALOGUE

## LIGHTWEIGHT FIRE RATED B-15 & A-60 GLAZED DOORS AND WALLS

# Required information for quotation

TO ORDER PLEASE SPECIFY:



- Door measurements
- Frame finish
- Grids & patterns
- Door use purpose
- Door handing
- Interior / Exterior
- Manual / Automatic operation
- Desired automatic system
- Other special requirements
- Possible evacuation route (exit or ADA requirements)

<b>POCADEL OY</b>	<b>4</b>
 <b>A-CLASS GLAZED PRODUCTS</b>	 <b>8</b>
A-60 ADS 80 Single window	10
A-60 ADS 80 Continuous window	11
A-60 ADS 80 Hinged Door 1-leaf	12
A-60 ADS 80 Hinged Door 2-leaf	13
A-60 Slim Vision Sliding Door	14
A-60 ADS 80 Hinged Door 1-leaf with side window	15
 <b>B-CLASS GLAZED PRODUCTS</b>	 <b>16</b>
B-15 ADS 65 Single window	18
B-15 ADS 65 Continuous window	19
B-15 ADS 65 Hinged Door 1-leaf	20
B-15 ADS 65 Hinged Door 2-leaf	21
B-15 ADS 80 Butt joint window	22
B-15 ADS 80 Single window	23
B-15 ADS 80 Continuous window	24
B-15 ADS 80 Hinged Door 1-leaf	25
B-15 ADS 80 Hinged Door 2-leaf	26
B-15 Tandem Sliding Door, 1-way	27
B-15 Tandem Sliding Door, 2-way	28
B-15 Deli Hinged Door 1-leaf	29
B-15 Deli Sliding Door 1-leaf	30
B-15 Deli Sliding Door 2-leaf	31
 <b>C-CLASS GLAZED PRODUCTS</b>	 <b>32</b>
 <b>CUSTOMIZING</b>	 <b>34</b>
Glass and frame finish options & decorations	34
Accessories	36
Automatic doors	38
ADA	42





# KNOWLEDGE MAKES THE DIFFERENCE

FOUNDED IN 1997, POCADEL SPECIALIZES IN FIRE-RESISTANT GLASS STRUCTURES FOR MARINE AND OFFSHORE USE. AS AN INDUSTRY PIONEER, WE INTRODUCED LIGHTWEIGHT ALUMINUM FRAMES, ENSURING DURABLE, HIGH-QUALITY, AND SAFE SOLUTIONS DESIGNED AND MADE IN FINLAND.



SAFETY · RELIABILITY · KNOWLEDGE · QUALITY

Pocadel, established in 1997, is a company specialised in fire-resistant glass structures for marine and offshore use. Pocadel was the first to launch fire-resistant glass structures using light and corrosion resistant aluminium frames instead of the traditional heavy steel profiles. From the very beginning, Pocadel has endeavoured to develop and renew their products and, as a result, the company is now a leading supplier of strategic fire-resistant glazing structures in ships interiors.

Our product range has grown over the years, and we have developed fire glass structures for exterior use and for various offshore industry needs as well. The use of automatic doors has become more common in the recent years, and together with automatic door mechanism manufacturers we have developed automation solutions especially for the ship building industry. Our modern product range includes a wide range of B-15 and A-60 glazed doors and walls from single windows to extra wide sliding tandem doors.

All of our products are designed and hand-made in Finland. The aluminium profiles and glasses we use are made by reputable and high-class European manufacturers – this guarantees good product quality that is an advantage for both the customer building the space and ultimately for the end user as well. The key factors in our operations and products are



## **FOCUS IN SAFETY**

All of our B-15 and A-60 products have been tested according to the latest FTP 2010 Code, Part 3 set by the IMO (International Maritime Organisation) and wheelmarked according to the Marine Equipment Directive 2014/90/EU.

Our B-15 and A-60 products have MED certificates and require a meticulous quality management system. The design and manufacturing work at the company is annually audited by Eurofins Oy. Pocadel operations comply with the ISO 9001 quality.

Our automatic sliding doors and their mechanisms, for instance, have been tested on both sides in accordance with the IMO and Solas requirements. Every product ordered by a customer is tailored according to the customer's specifications: dimensions, finishing, decorations, etc. — always however according to tight certification requirements.

## **COST SAVING PRE-FABRICATED PRODUCTS**

We have developed our products into installationready packages with pre-installed locks, fittings, pulls, and decorations. This way, our customers can save time and costs by installing the doors on their own onboard the ship according to our installation instructions.

If needed, we will provide assistance with the installation and especially with the commissioning of automatic doors.



# A-60

FIRE SAFETY WITHOUT COMPROMISE

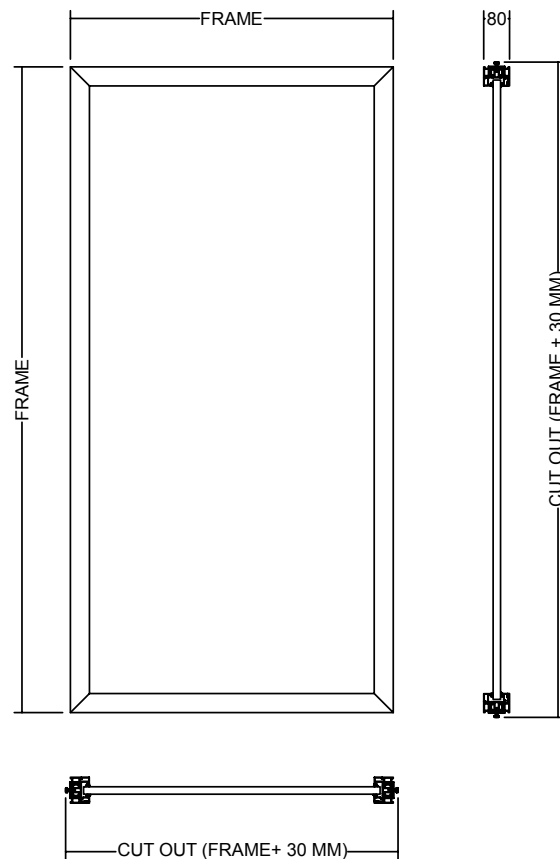
Pocadel's A-60-classified doors provide excellent fire protection for demanding marine environments. Their lightweight structure, large glass surfaces, and sleek SlimVision frame enable modern, open design — without sacrificing safety.

Pocadel A-60 doors are the perfect choice when you need to combine fire safety, design, and functionality.



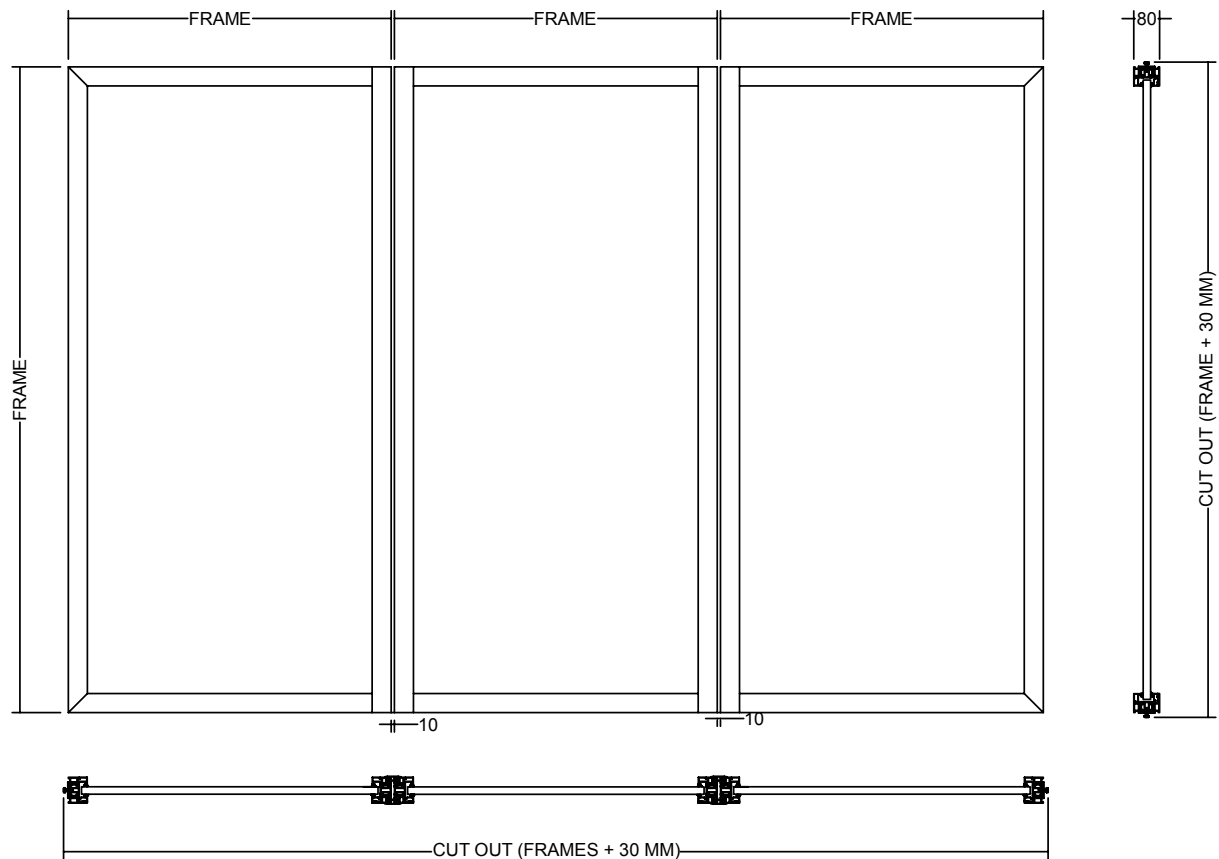






### A-60 ADS 80 SINGLE WINDOW

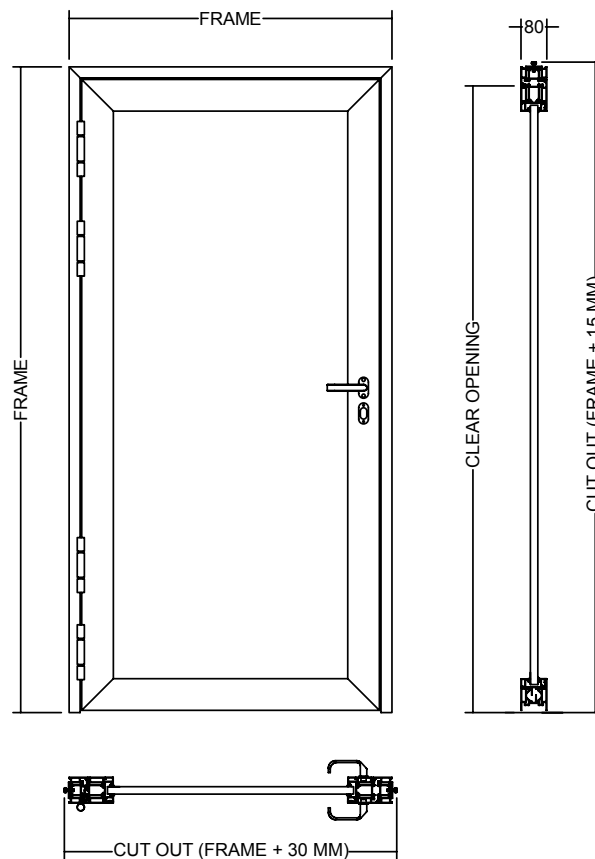
Single window max. frame size	1482 x 2578 mm
Frame thickness	80 mm
Interior and exterior use	Both
Options	Sound reduction tested, $R_w = 42$ dB Hose stream tested version



### A-60 ADS 80 CONTINUOUS WINDOW

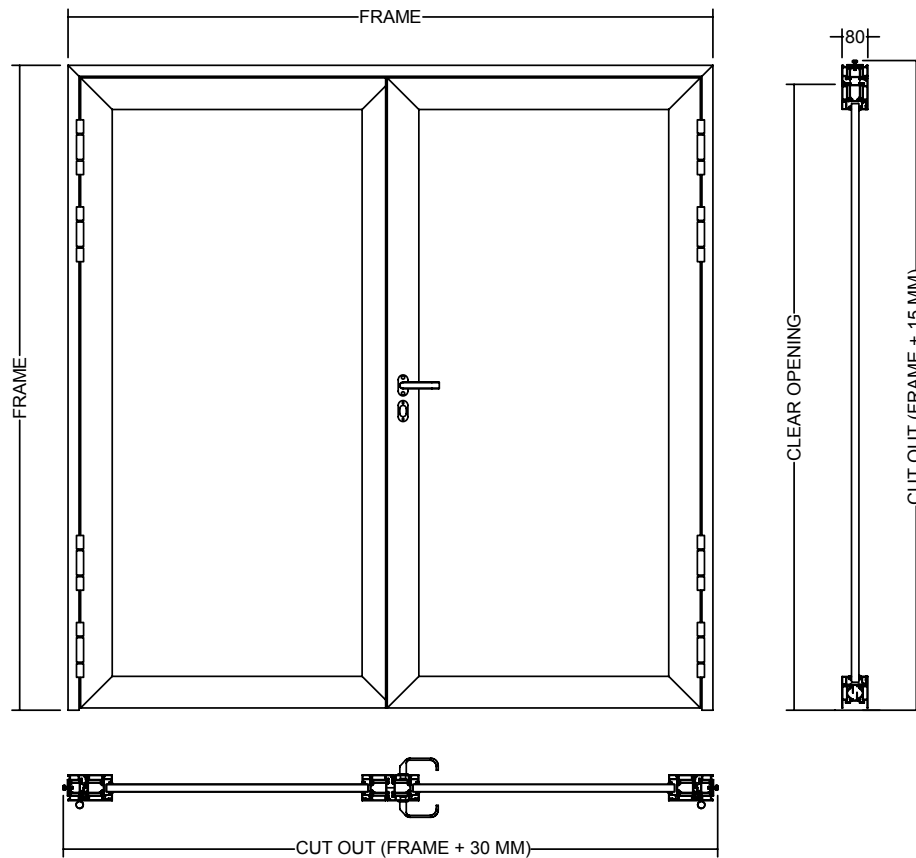
Single window max. frame size	1482 x 2578 mm
Frame thickness	80 mm
Continous glazed wall	1482 x 2578 mm, width unlimited
Interior and exterior use	Both
Options	Sound reduction tested, $R_w = 42$ dB Hose stream tested version





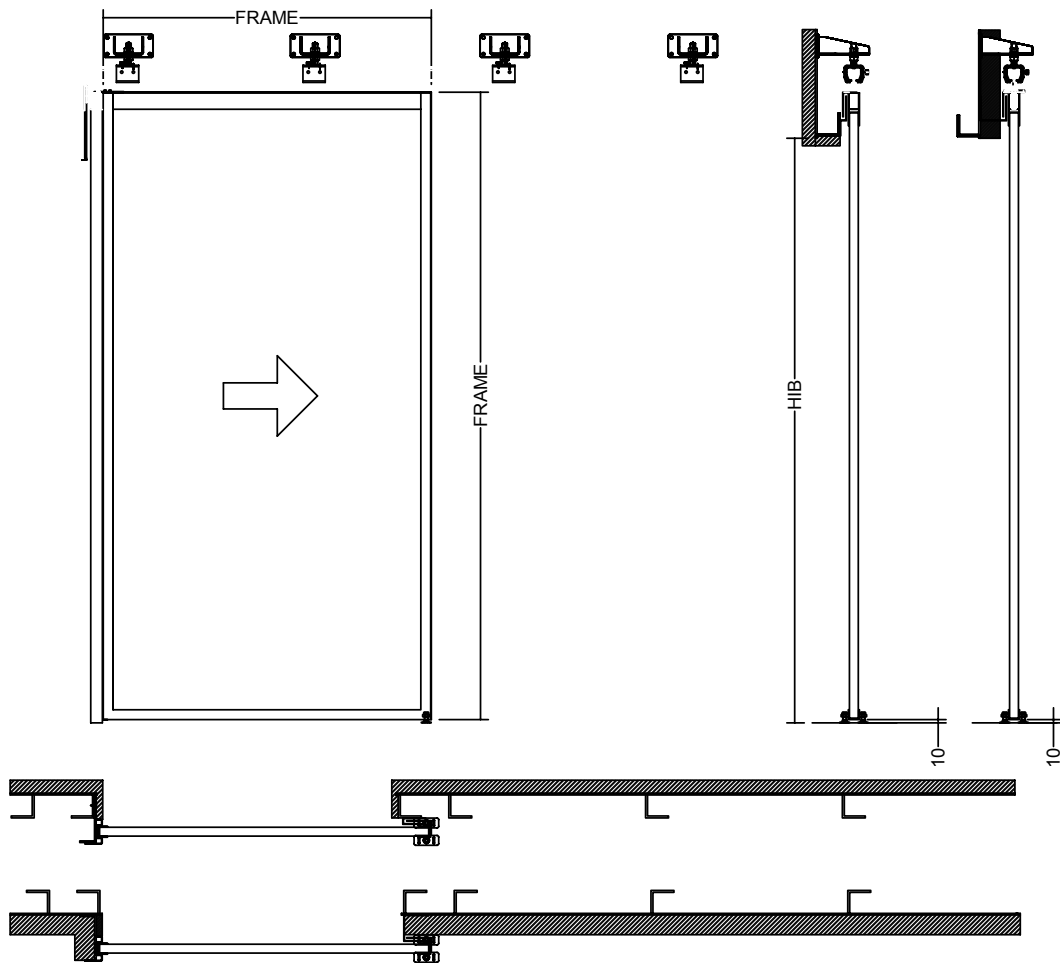
### A-60 ADS 80 HINGED DOOR 1-LEAF

Max frame size	1378 x 2500 mm
Frame thickness	80 mm
Standard accessories	See page 36
Manual and automatic	See page 38
Interior and exterior use	Both
Options	Sound reduction tested, $R_w = 37\text{dB}$ Hose stream tested version Weathertight (final test to be done onboard)



### A-60 ADS 80 HINGED DOOR 2-LEAF

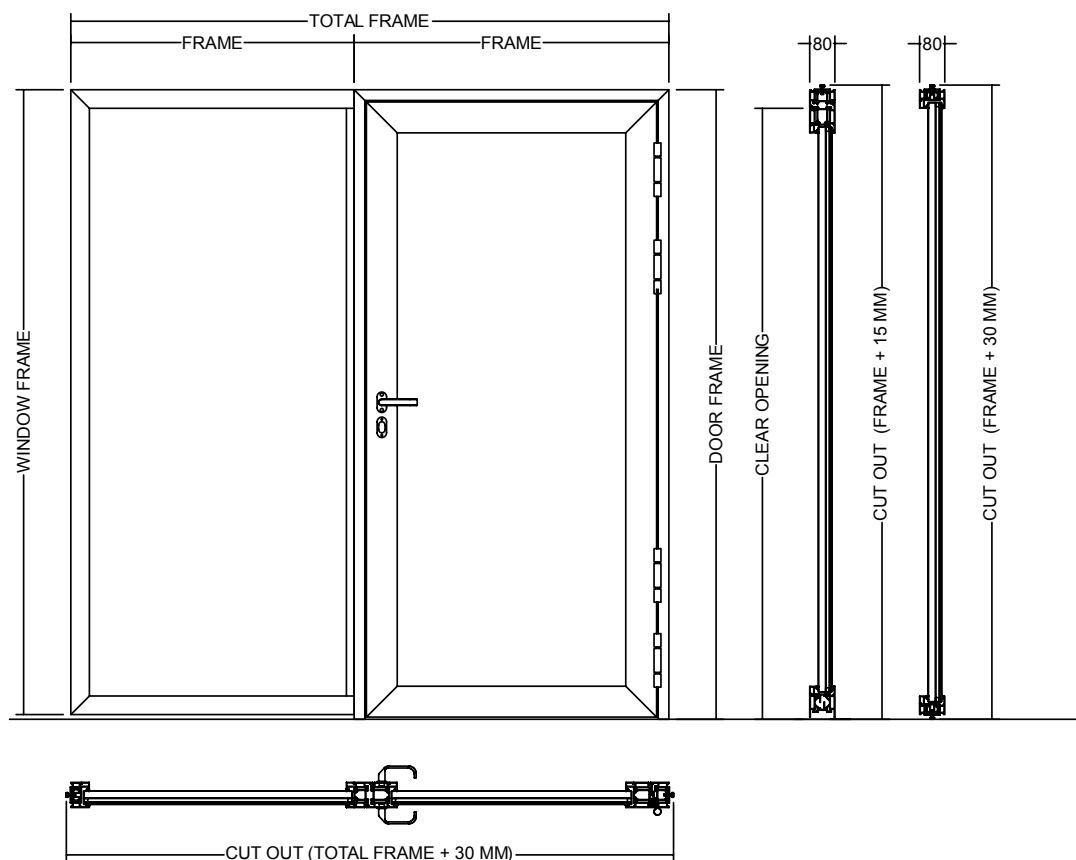
Max frame size	2658 x 2500 mm
Frame thickness	80 mm
Standard accessories	See page 36
Manual and automatic	See page 38
Interior and exterior use	Both
Options	Sound reduction tested, $R_w = 37\text{dB}$ Hose stream tested version Weathertight (final test to be done onboard)



### A-60 SLIM VISION SLIDING DOOR

Max door leaf size	1525 x 2712 mm
Standard accessories	See page 36
Automatic	See page 38
Interior use	Yes
Options	Sound reduction test report: No





### A-60 ADS 80 HINGED DOOR 1-LEAF WITH SIDE WINDOW

Maximum size of the window frame	980 x 2500 mm
Maximum door frame size	1378 x 2500 mm
Maximum size of the total frame	2358 x 2500 mm
Interior and exterior use	Both
Options	Door: sound reduction tested, $R_w = 37$ dB Window: sound reduction tested, $R_w = 42$ dB Hose stream tested version

# B-15

LIGHTWEIGHT FIRE PROTECTION WITH STYLE

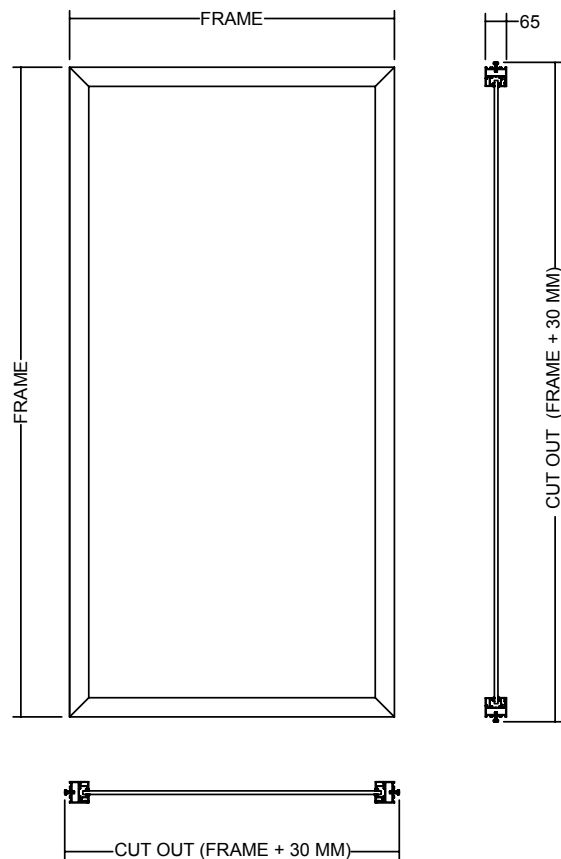
Pocadel's B-15 fire-rated doors offer reliable fire safety with a lightweight design, ideal for modern marine interiors. Featuring large glass surfaces and a slim, elegant frame, they bring openness and style without compromising on protection.

Pocadel B-15 doors — where safety, design, and comfort meet.



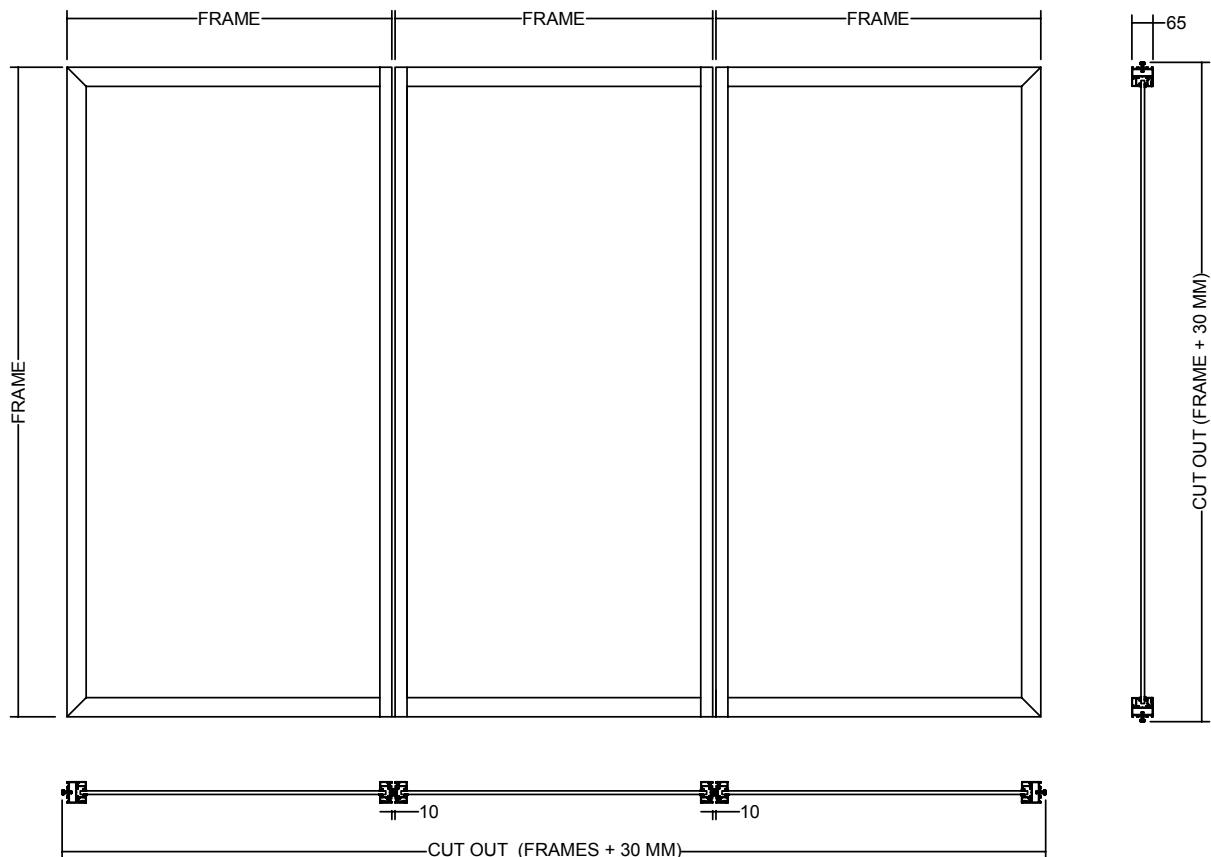






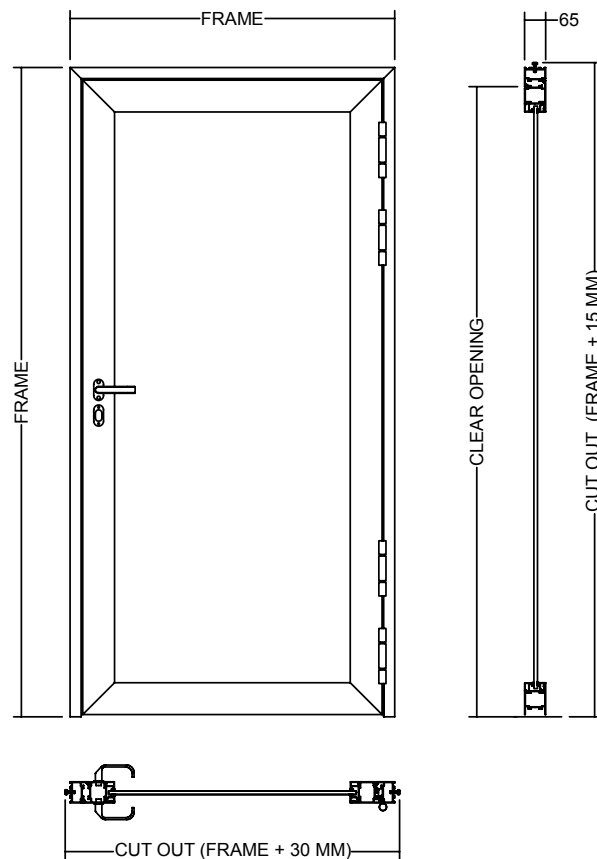
### **B-15** ADS 65 SINGLE WINDOW

Single window max. frame size	1482 x 2582 mm
Frame thickness	65 mm
Interior and exterior use	Both, Ideal for internal use
Options	Sound reduction tested, $R_w = 39$ dB External, weathertight



### **B-15** ADS 65 CONTINUOUS WINDOW

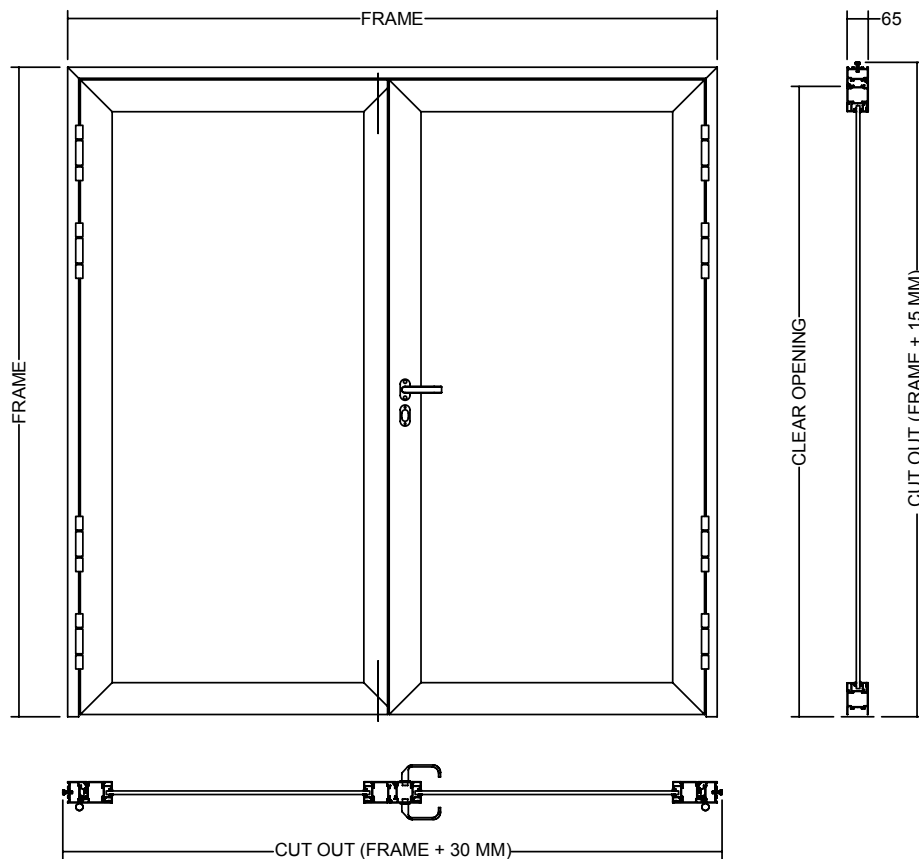
<b>Max frame sizes</b>	
<b>As single partition</b>	1482 x 2582 mm
<b>Middle partition</b>	1436 x 2582 mm
<b>Edge partition</b>	1459 x 2582 mm
<b>Width</b>	Unlimited
<b>Frame thickness</b>	65 mm
<b>Interior and exterior use</b>	Both, Ideal for internal use
<b>Options</b>	Sound reduction tested, $R_w = 39$ dB External, weathertight



### **B-15** ADS 65 HINGED DOOR 1-LEAF

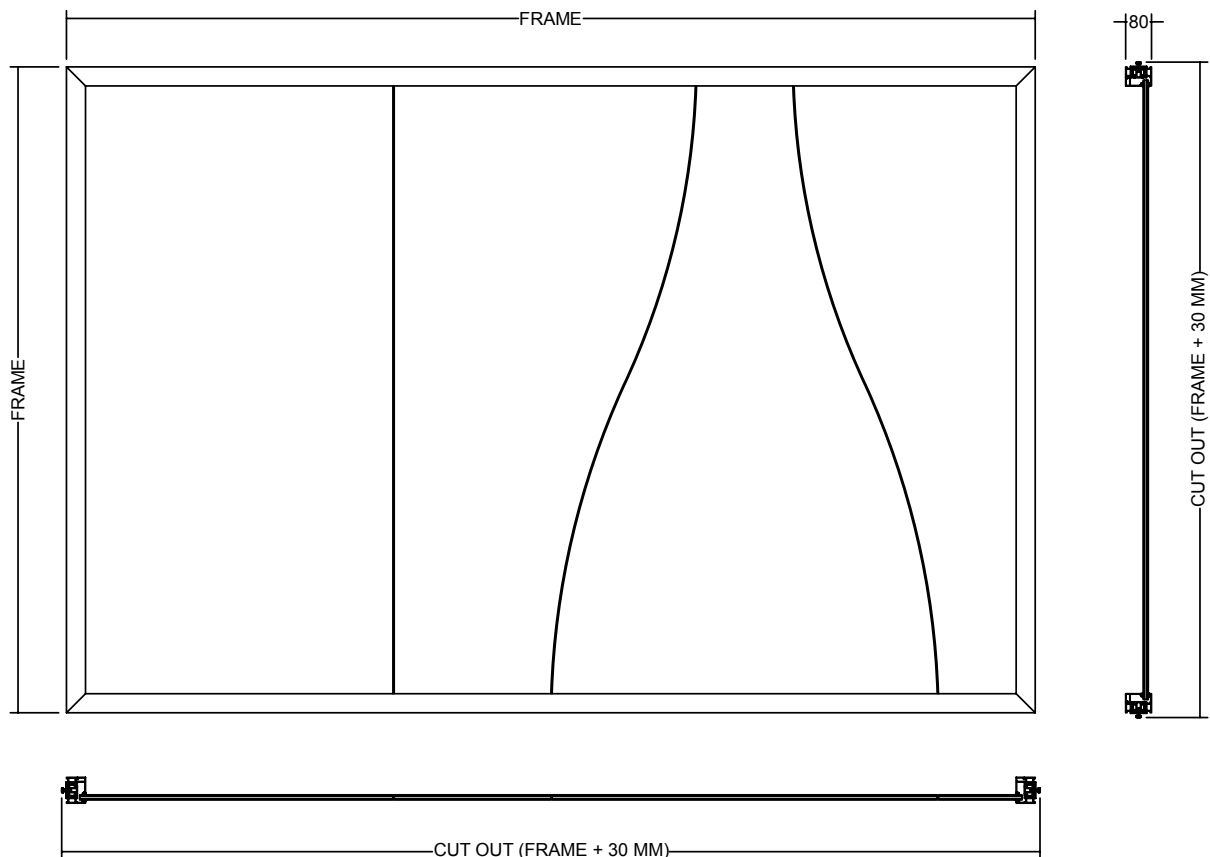
<b>Max frame size</b>	1541 x 2806 mm
<b>Frame thickness</b>	65 mm
<b>Standard accessories</b>	See page 36
<b>Manual and automatic</b>	Both, see page 38
<b>Interior and exterior use</b>	Both, Ideal for internal use
<b>Options</b>	Sound reduction tested, $R_w = 34$ dB External, weathertight





### B-15 ADS 65 HINGED DOOR 2-LEAF

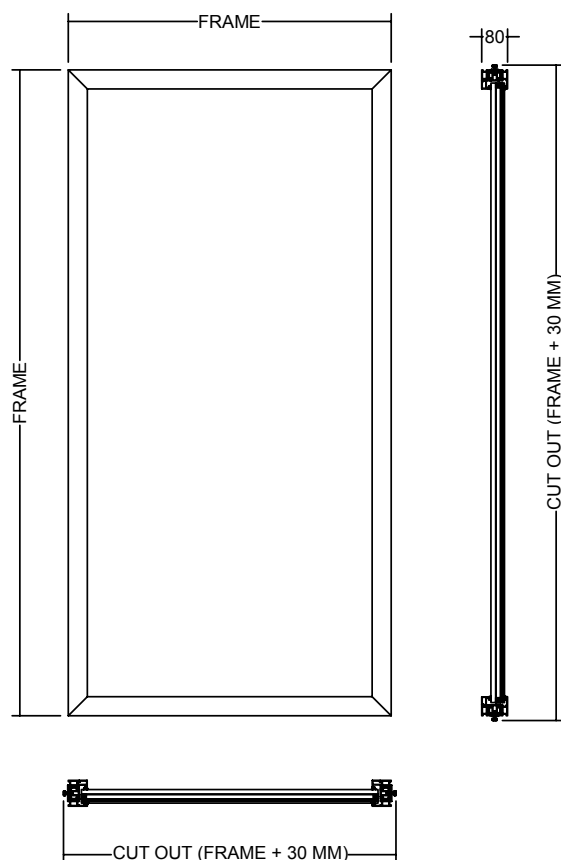
Max frame size	2928 x 2484 mm
Frame thickness	65 mm
Standard accessories	See page 36
Manual and automatic	Both, see page 38
Interior and exterior use	Both, Ideal for internal use
Options	Sound reduction tested, $R_w = 30$ dB External, weathertight



This product can have curved joints as well

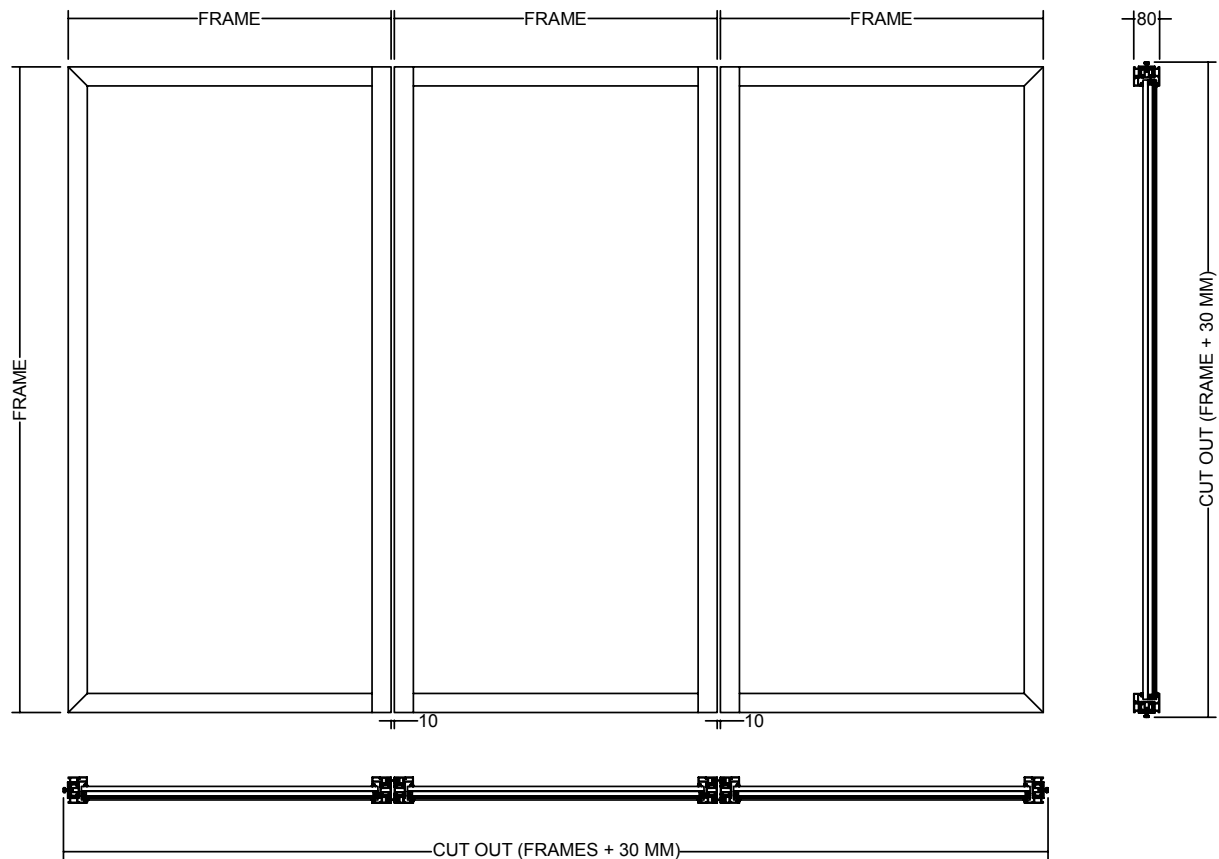
### B-15 ADS 80 BUTT JOINT WINDOW

Max glass pane size	Width 1000 mm
Max frame size, single	1080 x 2735 mm
Max frame size	Height 2735 mm, width unlimited Max. individual glass pane width 1000 mm
Frame thickness	80 mm
Interior and exterior use	Interior only
Options	The fire sealant between the glass panes is available in either translucent or black, gap between panes 4 mm Glass panes with curved joints



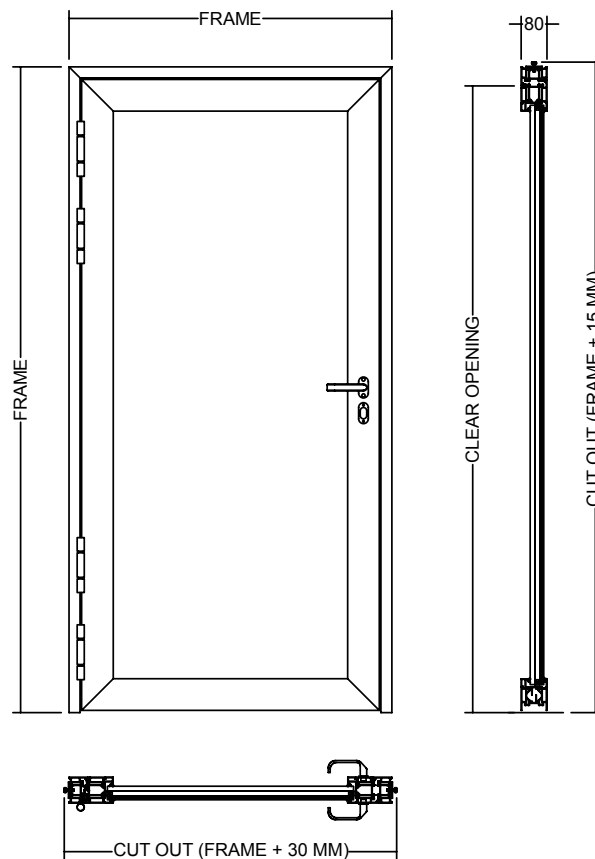
### **B-15** ADS 80 SINGLE WINDOW

Single window max. frame size	1438 x 2730 mm
Frame thickness	80 mm
Interior and exterior use	Both
Options	Sound reduction tested, $R_w = 43$ dB Ideal for offshore and external use



### B-15 ADS 80 CONTINUOUS WINDOW

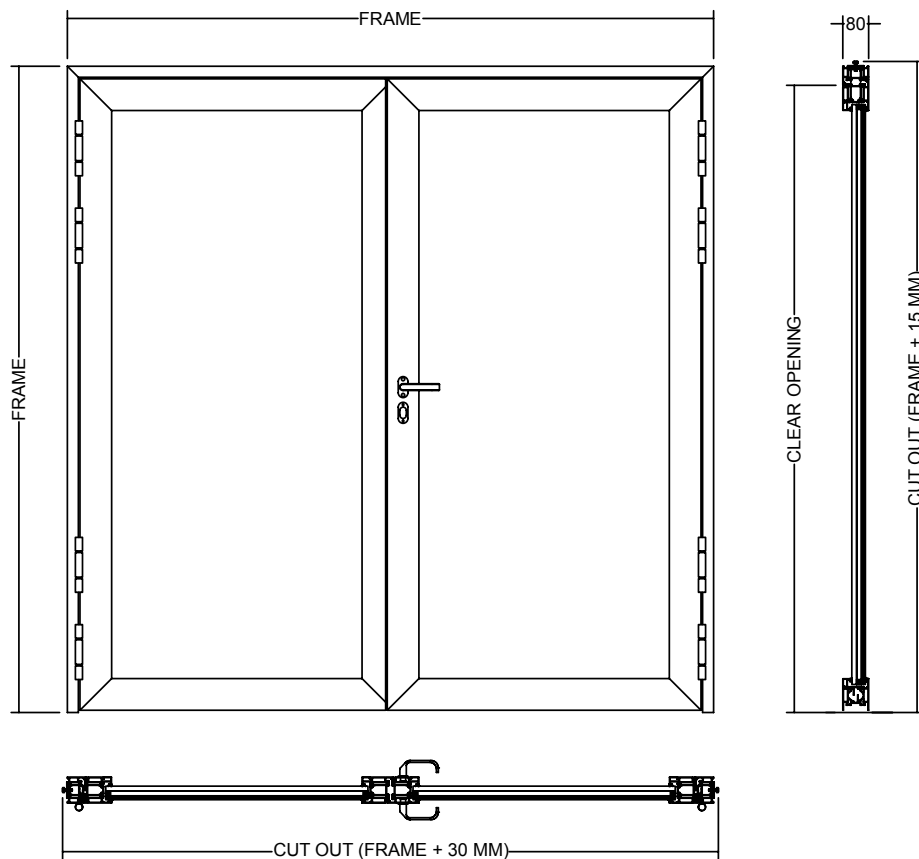
Single window max. frame size	1438 x 2730 mm
Frame thickness	80 mm
Width	Unlimited
Interior and exterior use	Both
Options	Sound reduction tested, $R_w = 43$ dB Ideal for offshore and external use



### B-15 ADS 80 HINGED DOOR 1-LEAF

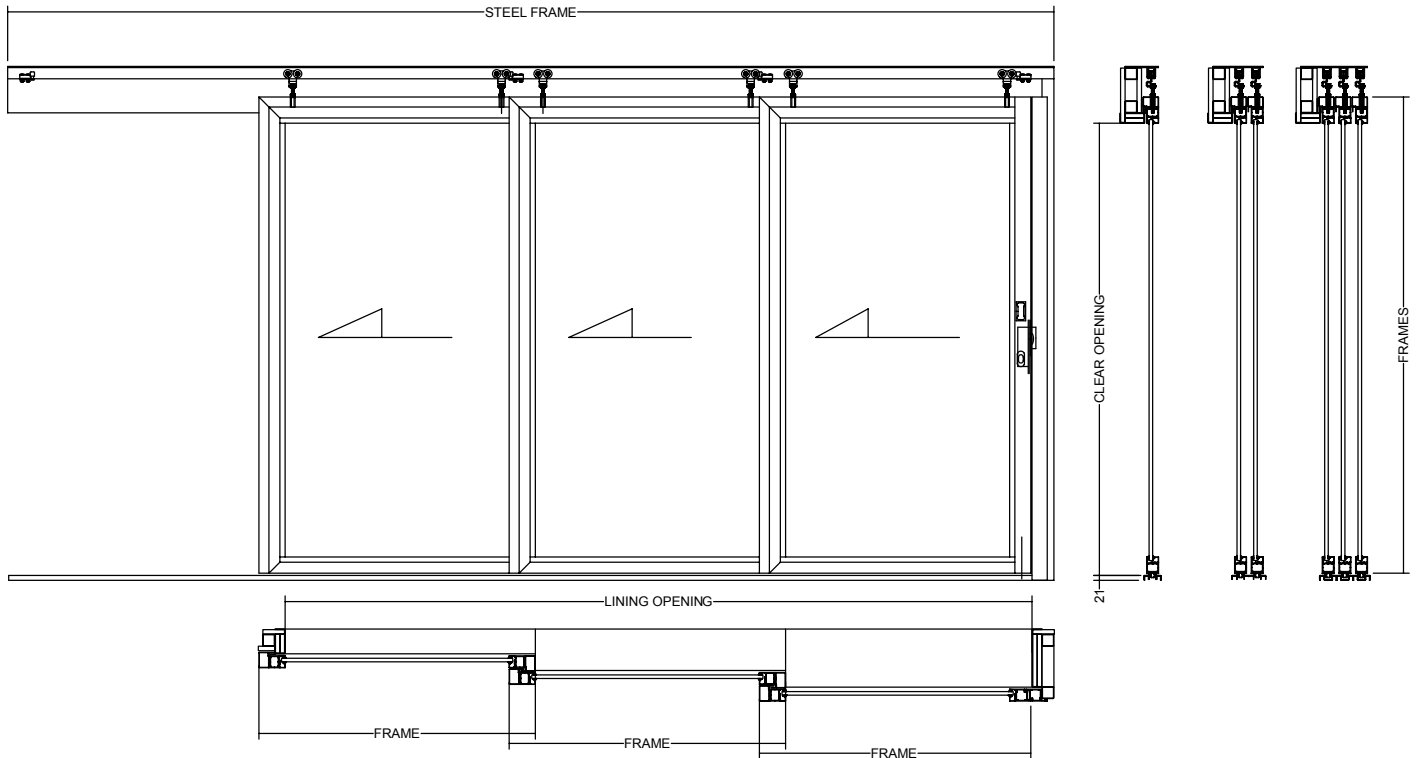
Max frame size	1500 x 2500 mm
Frame thickness	80 mm
Standard accessories	See page 36
Manual and automatic	Both, see page 38
Interior and exterior use	Both
Options	Sound reduction tested, $R_w = 40$ dB Weathertight (final test to be done onboard) Ideal for offshore and external use





### B-15 ADS 80 HINGED DOOR 2-LEAF

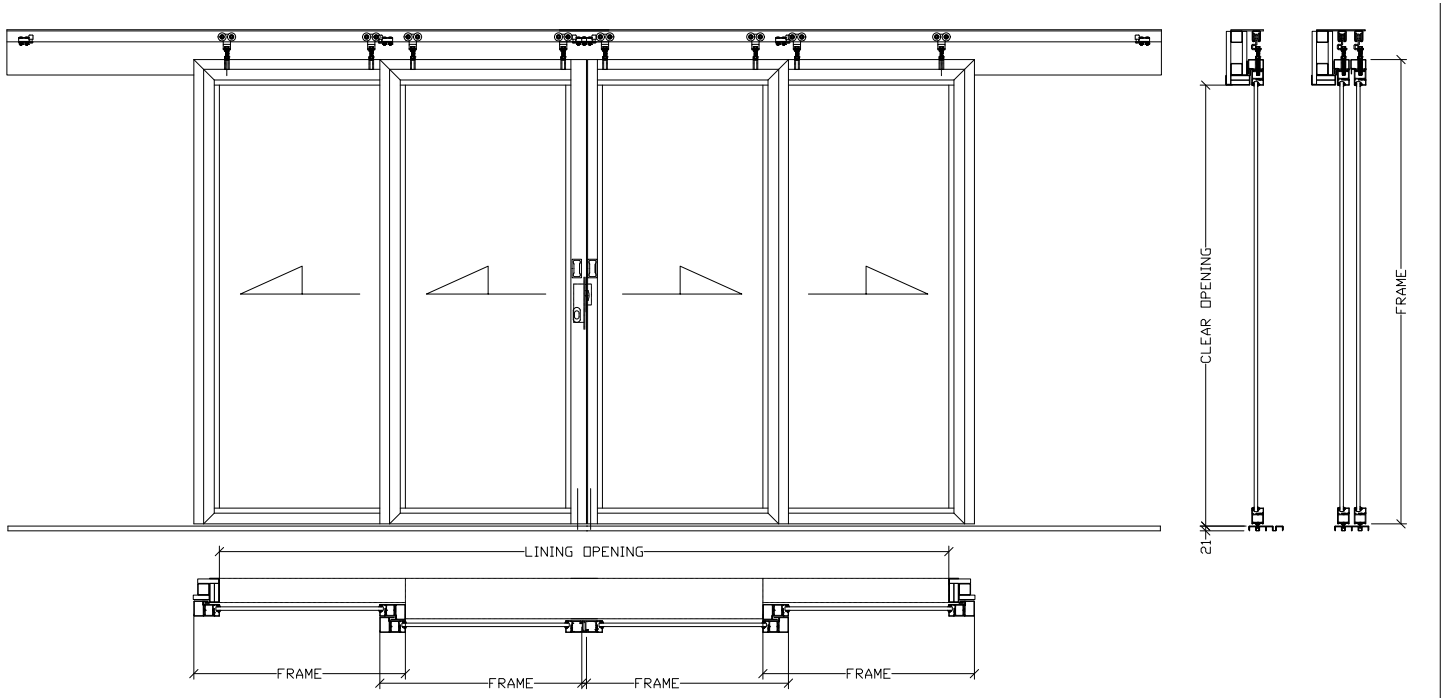
Max frame size	3047 x 2875 mm)
Frame thickness	80 mm
Standard accessories	See page 36
Manual and automatic	Both, see page 38
Interior and exterior use	Both
Options	Sound reduction tested, $R_w = 36$ dB Weathertight (final test to be done onboard) Ideal for offshore and external use



### **B-15** TANDEM SLIDING DOOR, 1-WAY

#### Max door leaf sizes

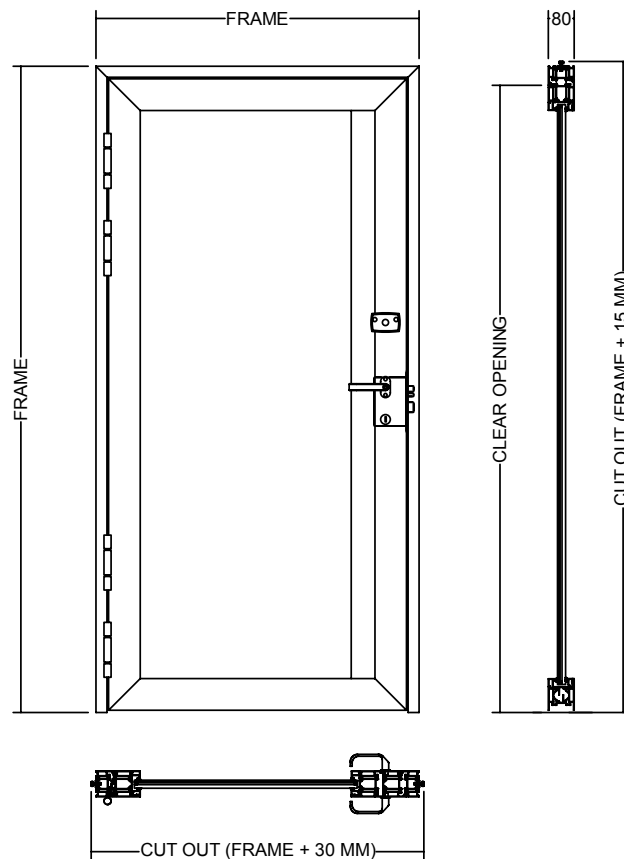
Single leaf	1395 x 2740 mm
Two leaves	(1395 + 1415) x 2740 mm
Three leaves	(1395 + 1415 + 1415) x 2740 mm
Four leaves	(1395 + 1415 + 1415 + 1415) x 2740 mm
Width	Unlimited
Frame thickness	50 mm
B-15 Metal frame	Included as standard
Standard accessories	See page 36
Manual and automatic	Both, see page 38
Interior and exterior use	Both, ideal for interior use



### B-15 TANDEM SLIDING DOOR, 2-WAY

#### Max leaf sizes

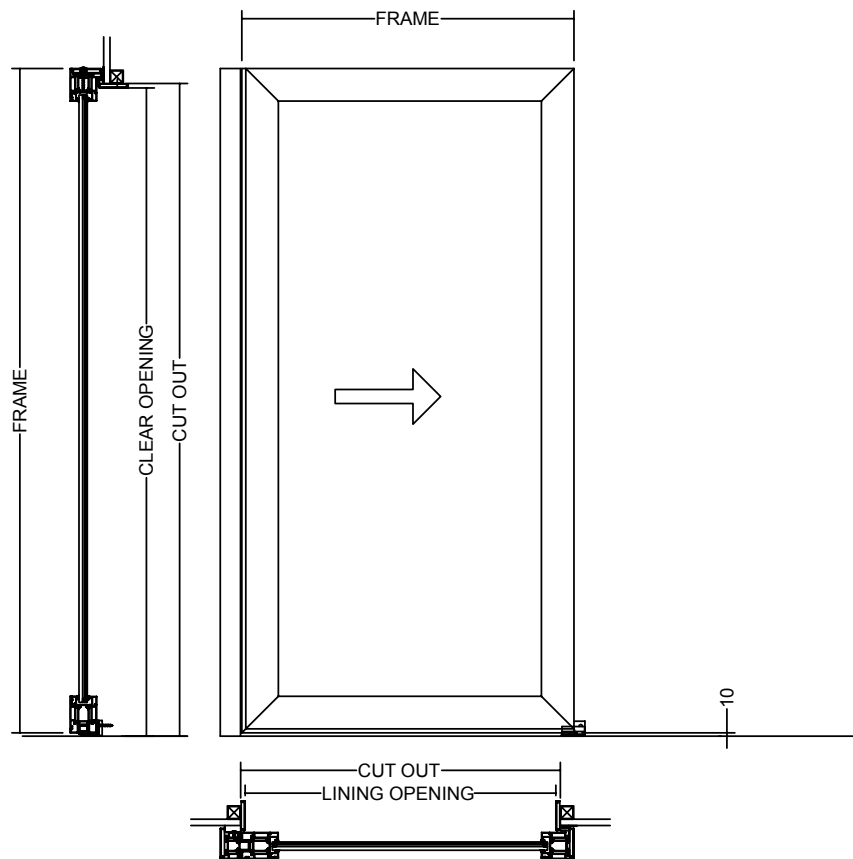
Double (1+1 pcs) leaves	(1395 + 1395) x 2740 mm
Four (2+2 pcs) leaves	(1395 + 1415) + (1395 + 1415) x 2740 mm
Six (3+3 pcs) leaves	(1395 + 1415 + 1415) + (1395 + 1415 + 1415) x 2740 mm
Width	Unlimited
Standard accessories	See page 36
Manual and automatic	Both, see page 38
Interior and exterior use	Both, ideal for interior use



### B-15 ADS 80 DELI HINGED DOOR 1-LEAF

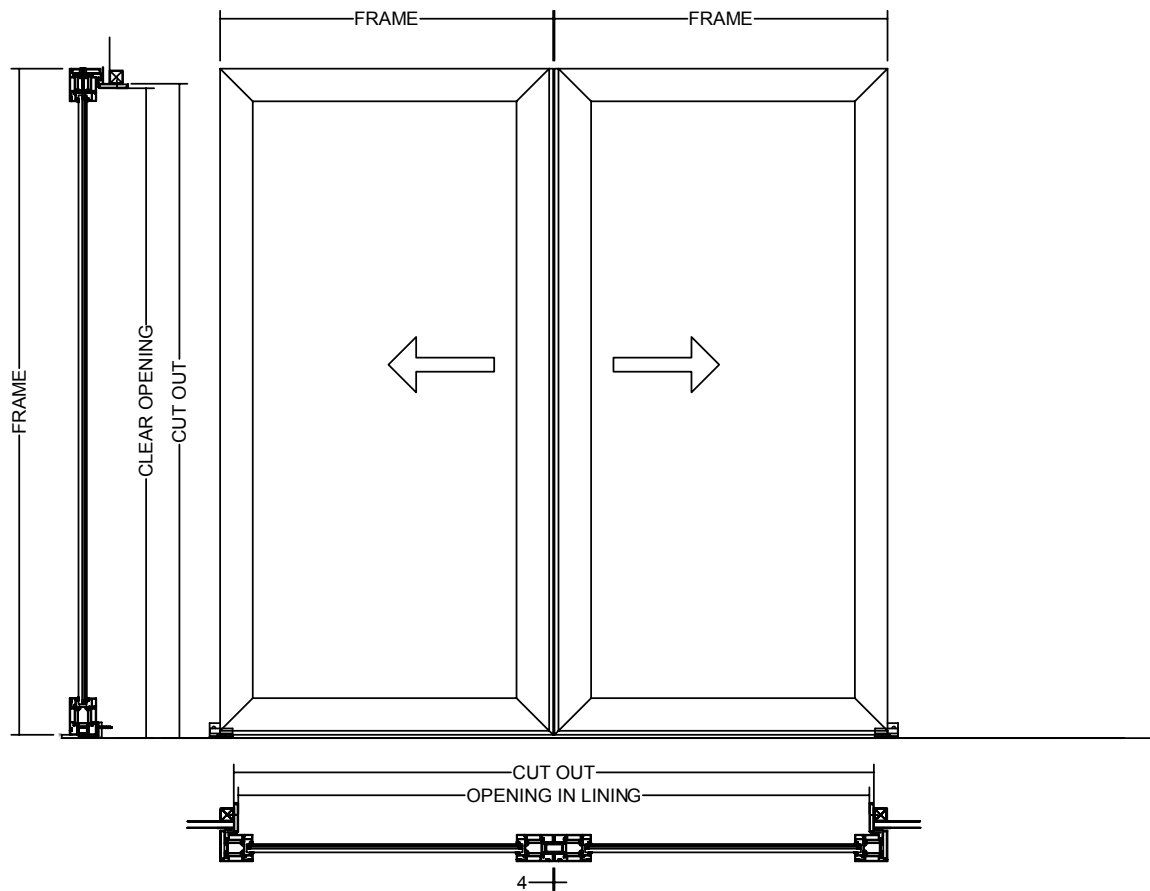
Max frame size	1500 x 2500 mm
Interior and exterior use	Both
Options	Designed for RFID card lock, e.g. Vingard Signature, Essence, etc.





### B-15 DELI SLIDING DOOR 1-LEAF

Max door leaf size	1460 x 2595 mm
Frame thickness	80 mm
Standard accessories	See page 36
Manual and automatic	Both, see page 38
Interior and exterior use	Both
Options	External, weathertight



### B-15 DELI SLIDING DOOR 2-LEAF

Max door leaf size	1322 + 1322 x 2584 mm
Frame thickness	80 mm
Standard accessories	See page 36
Manual and automatic	Both, see page 38
Interior and exterior use	Both
Options	External, weathertight

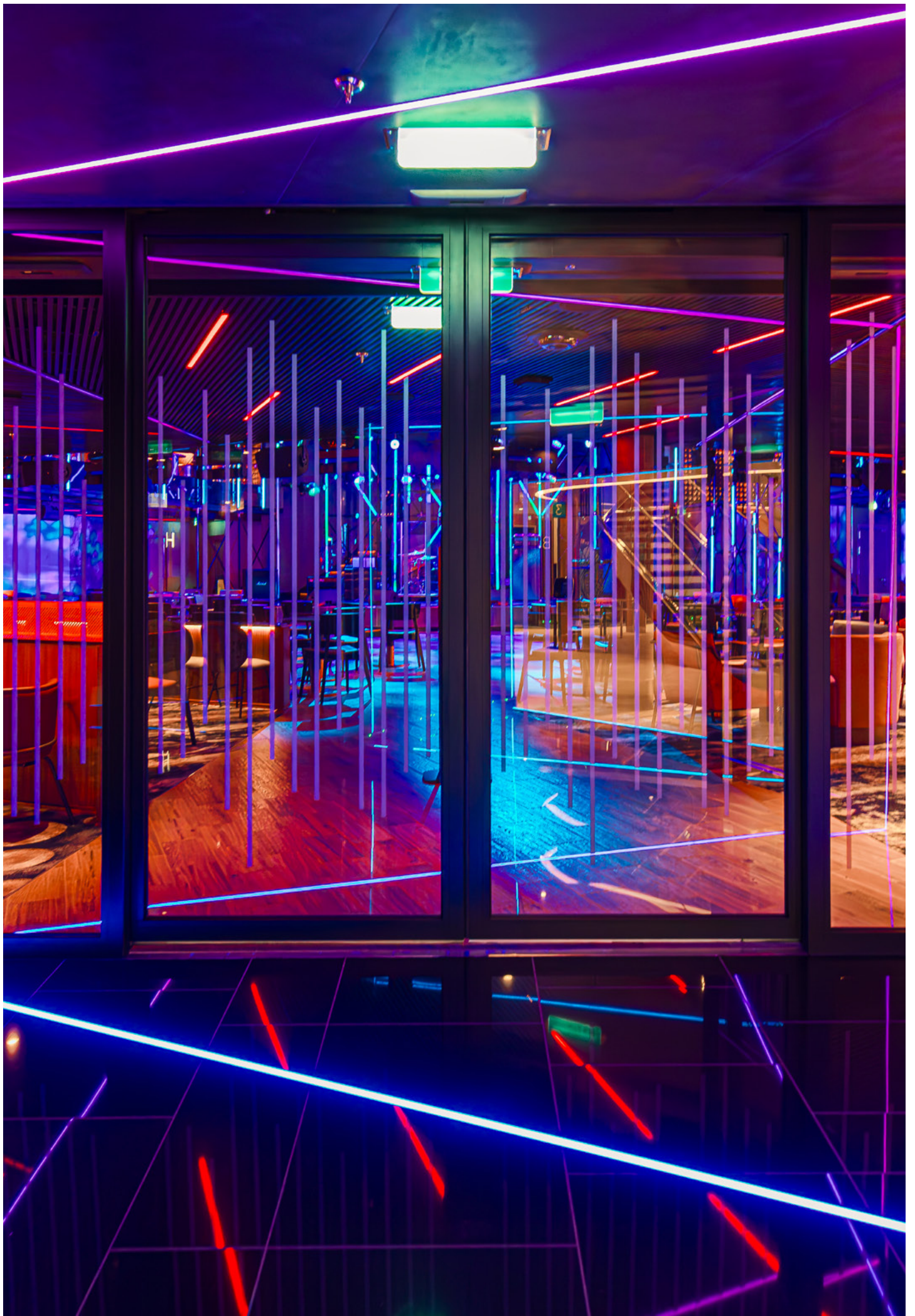
# C-0

MAXIMUM LIGHT AND MODERN DESIGN

Pocadel's C-class products are designed for spaces where fire rating is not required but lightweight construction and elegant appearance are essential. With expansive glass surfaces and minimalistic frames, C-class products create open, bright, and stylish interiors.

For spaces where design takes center stage.







## CUSTOMAZING — TAILORED TO YOUR NEEDS

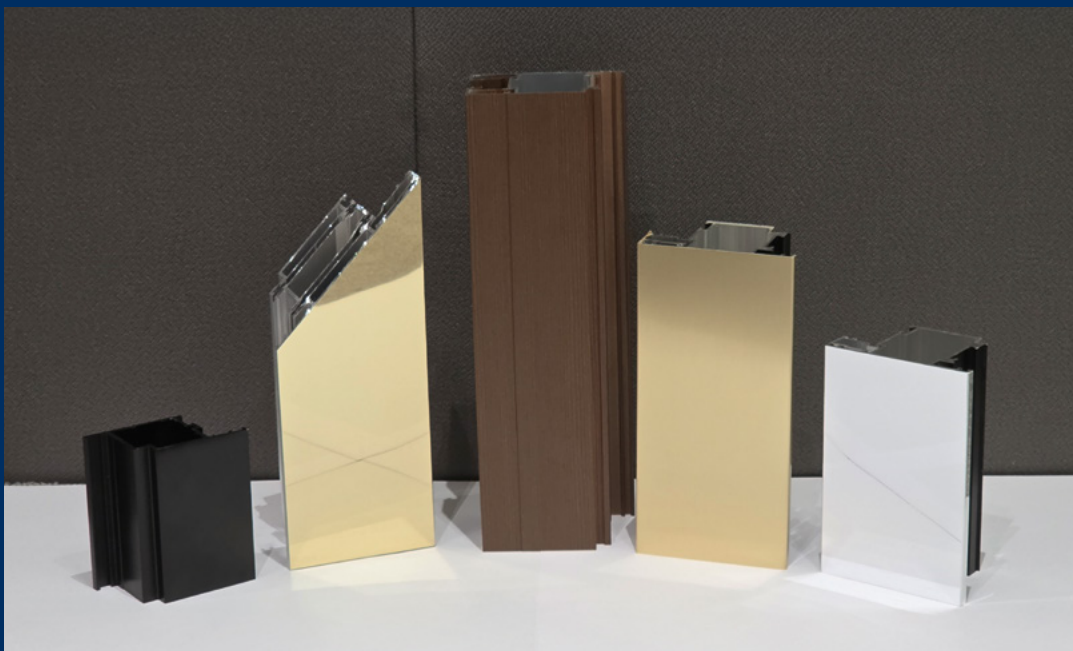
Every project is unique — and so are its requirements. That's why we offer a wide range of customizable solutions to ensure our doors fit seamlessly into your space, both functionally and visually.

Whether it's dimensions, materials, colors, or design details, our team works closely with you to deliver results that align with your vision.

### Our customization options include:

- **Glass and frame finish options & decorations**  
Choose from various finishes, tints, and decorative elements to match your aesthetic vision.
- **Fittings (locks, pulls, etc.)**  
Customize door hardware to suit your operational and security needs.
- **Automatic doors**  
We offer automated solutions for improved accessibility and user experience.
- **ADA compliance**  
Our products can be tailored to meet ADA standards, ensuring accessibility for all users.

Let's create something that reflects your vision — in function, form, and finish.



## FRAME SURFACE FINISHES AND GLAZING GRIDS & PATTERNS

### FRAME FINISHINGS

The door and window structure profiles are made of light aluminium which allows numerous painting and finishing options. Please note that the minimum supply batch for special paint powder is 20 kg / each necessary colour. The minimum batch for colour sample is also 20 kg.

All our products are powder painted with high quality paints. The cover plates and hinges are available to match the door or window frame finishing. The structures can be given a more expressive look by bending as well.

**Our door and window structure profiles are made of aluminium with an almost unlimited range of finishing options:**

- Painting with RAL / NCS basic colours
- Painting with special colours
- Anodisation
- Brushed anodisation
- Decoral finish
- Digital prints
- Brushed stainless steel
- Mirror silver
- Mirror gold
- Wood and steel imitations

### GLAZING

Pocadel fire-classified decorative doors and windows use high-quality safety glass that is not only fire-proof, but sound insulated as well.

Various decorations and patterns are used for the glass doors and walls almost without exception. In addition to being decorative, the glasses can function as informative elements. For example, a transparent wall can be turned grey at the push of a button when using smart glass, thus giving the room more privacy.

### GLASS PATTERNS

**The fire glass itself is clear, but it can be decorated with**

- Sand blasted patterns
- Coloured glass
- Led lights
- Digital print
- Smart glass
- Thin metal nets inside glass panels (DELI versions)

### DECORATIVE GRIDS INSTALLED ON THE GLASS SURFACE

Very often the decorative grids are made by laser cutting from a thin metal sheet. The decorations must be fireproof or fire-retardant and they are attached onto the glass surface with glue.

## ACCESSORIES

### STANDARD ACCESSORIES FOR POCADEL DOOR

Pocadel doors are offered and supplied with the following standard accessories, if nothing else is required. However, the decorative doors are often delivered with special pulls.

If customer wishes to personally buy and install such special pulls, they will also need to drill the holes for them.

#### Hinged doors



**STANDARD LOCK WITH  
DIN CYLINDER**



**TRIOVING 5016  
LOCK CASE**



**TRIOVING 5032  
LOCK CASE**



**AUTOMATIC BOLT**



**PANIC BOLT FOR  
INACTIVE LEAF**



**PANIC LOCK**



**EDGE BOLT**



**TRIOVING THUMB TURN**

#### Sliding doors



**HOOK LOCK CASE**



**WSS HOOK LOCK CASE**



**EDGE BOLT**



**ROCA**

## Escutcheons



**ESCUTCHEON FOR  
EURO CYLINDER,  
BRASS EDGE BOLT**



**ESCUTCHEON FOR  
OVAL CYLINDER,  
BRUSHED STAINLESS  
STEEL**



**BLIND ESCUTCHEON,  
BRASS**



**WALA  
BLACK**



**WALA  
STAINLESS STEEL**

## Handles and pulls



**TRIOVING 7363  
SATIN CHROME**



**TRIOVING 7363  
POLISHED CHROME**



**TRIOVING 7363  
POLISHED BRASS**



**TRIOVING 7363  
SATIN BRASS**



**DOOR HANDLE  
FOR SAUNA**



**CURVED PULL  
BRUSHED**



**STYLISH SC**



**STYLISH WOOD PSC**



**WALA  
BLACK**



**WALA  
STAINLESS STEEL**



**WALA  
P4**



**WALA  
P1**



## **AUTOMATIC DOORS**

### **GLAZED AUTOMATIC DOORS**

An automatic door is a door that opens automatically, usually on sensing the approach of a person. Automatic doors are available in all fire classes (A-60, B-15 and C-0) for sliding and hinged solutions.

Automatic doors are accessible and elegant solutions for spaces requiring ease of access, security, flexibility, and hygiene.

### **AUTOMATIC DOORS FOR ALL APPLICATIONS**

When thinking about outfitting an automatic door, the first thing to determine is the purpose of the door, its location, and its dimensions.

After this, our expert staff can tailor the necessary automatic mechanism and its required auxiliary equipment.

The selection of the mechanism is affected for example by the weight and number of door leaves and the placement of the door either in an interior or exterior area.

### **AUTOMATIC SLIDING DOORS**

We supply various glazed fire-proof sliding doors from single-leaf sliding doors to multi-leaf sliding tandem doors.

The automatic DELI sliding doors, equipped with an automatic mechanism, have been fire-tested on both sides according to the latest rules issued by IMO (International Maritime Organisation). DELI range automatic doors are tested with Dormakaba ES 200 sliding mechanism and they do not require separate mechanical lock. Lock assembly is available as an optional accessory. Furthermore, the drive unit can be equipped with a speed limiter, which is Pocadel's own solution for rough sea conditions. DELI automatic doors are delivered without sill as standard.

We use automatic mechanisms suitable for use on ships from the following suppliers among others: Dormakaba, Geze, Record, Ovitor, Assa Abloy, Baggeröd (A-60).

OUR LATEST INNOVATION

**A60** GLAZED AUTOMATIC SLIDING DOOR  
WITH SlimVision FRAME

Maximum door leaf size 1525 x 2712 mm



## SUPPLY SCOPE OF AUTOMATIC SLIDING DOORS

The supply scope of our automatic sliding doors depends on the use purpose and environment of the door. Specialised in automatic doors, our staff will design a suitable package according to information provided by the customer.

### A standard delivery includes:

- Door leaves
- The automatic drive unit
- A Motor
- A Program switch
- The slide rail assembly
- The roller assembly
- Back up batteries
- Safety radars

- Emergency buttons
- Safety devices to pursuant to standard EN 16005

### We offer the following options:

- IR motion sensors
- Different opening buttons
- Lock assemblies

## AUTOMATIC HINGED DOORS

Our automatic hinged doors include hinged door mechanisms developed for marine use, which can be equipped with various additional cards depending on the end-use of the door.

### A standard delivery includes:

- Door leaves
- The automatic mechanism
- Safety devices pursuant to standard EN 16005
- Mechanical synchronisers for double doors

## INSTALLATION AND COMMISSIONING

All automatic doors supplied by us are assembled and tested in the factory before being shipped to the customer.

Professional installation and commissioning service is available by Pocadel. Many customers will install the doors themselves onboard the ship according to use instructions provided by us. In case of customer own installation, we can provide technical advisor to ensure successful installation. Automatic sliding doors will require periodic service, and it is necessary to build a sufficiently large maintenance hatch for automatic sliding doors.

## GLOBAL SERVICE NETWORK

### AFTER SALES SERVICES

Automatic doors include wearing parts and they require regular service. Because fire-proof glazed doors are strategic products on ships, assistance is required quickly in case there is a problem.

We are expanding our global service network so that we can be able to assist our customers all around the world whenever they need help.

We also offer various service contracts to ship owners that cover the maintenance and service of automatic doors. Our spare part service is currently operating from Finland, but locally provided basic spare parts will be available in the future.



## ADA REQUIREMENTS FOR DOORS

### 404.2.3 Clear Width

Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).

### 404.2.9 Door and Gate Opening Force

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows:

1. **Interior hinged doors and gates:** 5 pounds (22.2 N) maximum.
2. **Sliding or folding doors:** 5 pounds (22.2 N) maximum.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Advisory 404.2.9 Door and Gate Opening Force

The maximum force pertains to the continuous application of force necessary to fully open a door, not the initial force needed to overcome the inertia of the door. It does not apply to the force required to retract bolts or to disengage other devices used to keep the door in a closed position.

### 309.4 Operation

Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

#### Exception:

Gas pump nozzles shall not be required to provide operable parts that have an activating force of 5 pounds (22.2 N) maximum.

#### Pocadel recommendation – door operation

Due to air pressure differentials between areas and potential wind loads on board a vessel – we recommend that all ADA-compliant doors be automatic to ensure full compliance with ADA requirements.







