

# Marine Doors

Wall separates, door connects





# About us

In 1994, when ordering pizza for lunch, Raigo Tammo got into a conversation with a businessman who was selling door profiles. The question arose as to whether Raigo might be interested in producing metal doors and getting acquainted with the production of profiles in Switzerland. This encounter led to the production of the first metal doors in a garage in the small town of Saue.



Today Tammer, based in Tallinn, the capital of Estonia, is a family-run business with sales revenue of almost 25 million euros. Today Tammer's management is entrusted to Anti Tammo. In 2019, Tammer OÜ was chosen as the best family-run company in Estonia.

Due to the excellent relationships we have established with our customers and partners, Tammer has become a well-known fire door producer in the Nordic countries. Tammer's customers in the maritime sector are involved in building and renovating cruise liners. In recent years there has been a significant investment in the Tallinn production unit's automatic metalworking machinery, allowing Tammer to become a modern door factory providing solid and profile doors for both land and marine applications. However, Tammer's most valuable assets are their 200 employees and their many customers all over the world.

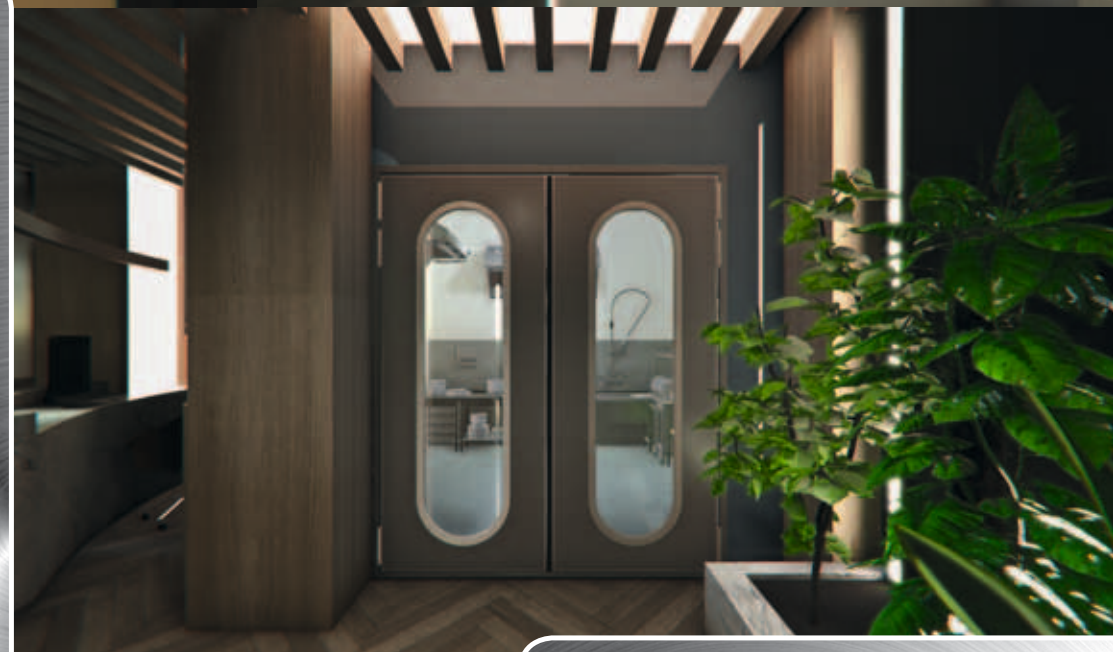
Wall separates, door connects!





Established 1995


Owned by Tammo Industries for Future Communities  
Manufacturer of metal doors



Profile doors  
Sheet metal doors  
Automatic doors



200 employees  
Turnover 25M€



12.000 m<sup>2</sup> of production area  
30.000 doors/year

## Goal

Tammer make doors and windows that make the world safer and friendlier.

## Mission

Tammer produce innovative certified doors and windows for the construction and maritime sectors as friendly partner.



## Values

Tammer is friendly, innovative and flexible.

## Vision

Tammer is preferred manufacturer of doors and windows in the construction and marine sector.



# Marine product range

Tammer offers wide assortment of IMO certified marine doors for newbuilding and refit. Our certificates are available in Bureau Veritas approval explorer.

[Veristar.com](http://Veristar.com)



## A-class

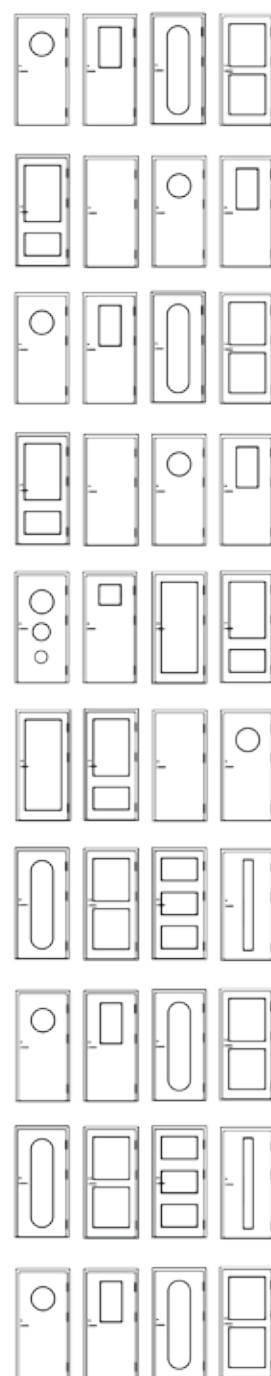
A60 MSF301	single leaf hinged door
A60 MSF401	double leaf hinged door
A60 MGF301	glazed profile door
A60 MGF401	glazed profile door with fixed side part

## B-class

B15 MSF101	single leaf hinged door
B15 MSF101 NR	single leaf hinged door
B15 MSF101 HNR	single leaf hinged door
B15 MSF101	hinged door with electrical drive system
B15 MSF201	double leaf hinged door
B0 MSF103	steel hatch
B15 MFP501	bulkhead panel
B15 MGF101	glazed profile single leaf door
B15 MGF201	glazed profile double leaf door
B15 MGP101	glazed wall partition
B15 MGF102	profile single leaf sliding door electrically operated
B15 MGF102	profile single leaf sliding door manually operated
B15 MGF202	profile double leaf sliding door electrically operated
B15 MGF202	profile double leaf sliding door manually operated

## C-class

MSF720	single leaf swing door
MSF721	double leaf swing door
MSF710	single leaf wet unit door



# References

## Newbuildings



### NAME

### OPERATOR

### YARD

## 2015

Harmony of the Seas

Royal Caribbean International

STX France

## 2016

Megastar

Tallink

Meyer Turku

## 2017

AIDAnova

AIDA Cruises

Meyer Werft

Mein Schiff 1

TUI Cruises

Meyer Turku

Norwegian Bliss

Norwegian Cruise Line

Meyer Werft

Norwegian Joy

Norwegian Cruise Line

Meyer Werft

Symphony of the Seas

Royal Caribbean International

Chantiers de l'Atlantique

## 2018

Celebrity Edge

Celebrity Cruises

Chantiers de l'Atlantique

Flying Clipper

Star Clippers

Brodosplit Shipyard

HANSEATIC nature

Hapag-Lloyd Cruises

VARD Group AS

Mein Schiff 2

TUI Cruises

Meyer Turku

MSC Bellissima

MSC Cruises

Chantiers de l'Atlantique

Scenic Eclipse

Scenic

Uljanik Shipyard

Spectrum of the Seas

Royal Caribbean International

Meyer Werft



# References

## Newbuildings



### NAME

### OPERATOR

### YARD

## 2019

Celebrity Apex  
 Costa Smeralda  
 Crystal Endeavour  
 Fridtjof Nansen  
 HANSEATIC inspiration  
 Iona  
 MSC Grandiosa  
 MSC Virtuosa  
 Norwegian Encore  
 Roald Amundsen  
 Spirit of Adventure  
 Spirit of Discovery

Celebrity Cruises  
 Costa Cruises  
 Crystal Cruises Inc.  
 Hurtigruten  
 Hapag-Lloyd Cruises  
 P&O Cruises  
 MSC Cruises  
 MSC Cruises  
 Norwegian Cruise Line  
 Hurtigruten  
 Saga Cruises  
 Saga Cruises

Chantiers de l'Atlantique  
 Meyer Turku  
 MV Werften  
 Kleven Group  
 VARD Group AS  
 Meyer Werft  
 Chantiers de l'Atlantique  
 Chantiers de l'Atlantique  
 Meyer Werft  
 Kleven Group  
 Meyer Werft  
 Meyer Werft

## 2020

AIDAcosma  
 Aurora Botnia  
 HANSEATIC spirit  
 Mardi Gras  
 Odyssey Of The Seas  
 Viking Octantis  
 Viking Polaris  
 Viking Venus

AIDA Cruises  
 Wasaline  
 Hapag-Lloyd Cruises  
 Carnival Cruise Line  
 Royal Caribbean International  
 Viking Expeditions  
 Viking Ocean Cruises  
 Viking Ocean Cruises

Meyer Werft  
 Rauma Marine Constructions  
 VARD Group AS  
 Meyer Turku  
 Meyer Werft  
 VARD Group AS  
 VARD Group AS  
 Fincantieri

## 2021

Celebrity Beyond  
 Rotterdam

Celebrity Cruises  
 Holland America Line

Chantiers de l'Atlantique  
 Fincantieri





# References

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## Refit



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### NAME

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### NAME

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## 2016

Romantika  
Serenity  
Silja Europa  
Viking XPRS

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## 2017

Celebrity Constellation  
Disney Fantasy  
Star

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## 2018

Azamara Pursuit  
Crystal Symphony  
Independence of the Seas  
Mariner of the Seas  
Norwegian Sun  
Sovereign

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## 2019

AIDAmira  
Carnival Miracle  
Carnival Triumph  
Carnival Victory  
Celebrity Equinox  
Celebrity Infinity  
Celebrity Summit

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## 2019

Disney Wonder  
Explorer Dream  
Explorer of the Seas  
Finbo Cargo  
Finnmarken  
Finlandia  
Freedom of the Seas  
Navigator of the Seas  
Norwegian Joy  
Norwegian Spirit  
Oasis of the Seas  
Oceania Regatta  
Oceania Sirena  
Sailing Jantje  
Silja Serenade  
Voyager of the Seas  
Wind Surf

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## 2020

Allure of the Seas  
Bon Vivant  
Disney Magic  
Finnmaid  
Mare Frisium  
World Dream  
Wylde Swan



# MARINE A60 SINGLE LEAF HINGED DOOR

## MSF301 A60 single leaf hinged door

### TECHNICAL DETAILS

- Frame: 1,5 mm steel
- Counter frame: 3,0 mm steel
- Door leaf thickness: 62 mm
- Door leaf without trimlist

### MAX. DIMENSIONS

- Clear opening: 1250 x 2220 mm

### OPTIONAL ACCESSORIES

- Hose port
- Indication switch
- Window
- Gaskets
- Hold open magnet with release switch
- Decorative trimlist

### LOCKS AND HARDWARE

- Electrical striker plate
- Flush handle
- Hardware according to specification

### FINISHING

- Stainless steel brushed/polished
- Powder or wet paint
- RAL and NCS colors
- PVC coated steel plate
- High pressure laminate



# MARINE A60 DOUBLE LEAF HINGED DOOR

## MSF401 A60 double leaf hinged door

### TECHNICAL DETAILS

- Frame: 1,5 mm steel
- Counter frame: 3,0 mm steel
- Door leaf thickness 62 mm
- Door leaf without trimlist

### MAX. DIMENSIONS

- Clear opening: 2400 x 2400 mm

### OPTIONAL ACCESSORIES

- Hose port
- Indication switch
- Window
- Gaskets
- Decorative trimlist
- Card reader

### LOCKS AND HARDWARE

- Electrical striker plate
- Flush handle
- Panic device
- Door coordinator
- Hardware according to specification

### FINISHING

- Stainless steel brushed/polished
- Powder or wet paint
- RAL and NCS colors
- PVC coated steel plate
- High pressure laminate



# MARINE A60 GLAZED PROFILE DOOR

## MGF301 A60 glazed profile single leaf door

### TECHNICAL DETAILS

- Steel thickness: 1,5 mm
- Profile frame depth: 65 mm
- Door leaf thickness: 65 mm
- Profile width: 50 to 85 mm

### MAX. DIMENSIONS

- Clear opening: 1100 x 2210 mm

### LOCKS AND HARDWARE

- Hardware according to specification

### FINISHING MATERIAL

- Stainless steel brushed/polished
- Powder or wet paint
- RAL and NCS colors



# MARINE A60 GLAZED PROFILE DOOR WITH FIXED PART

## MGF401 A60 glazed profile single leaf door with fixed part

### TECHNICAL DETAILS

- Steel thickness: 1,5 mm
- Profile frame depth: 65 mm
- Door leaf thickness: 65 mm
- Profile width: 50 to 85 mm

### MAX. DIMENSIONS

- Door clear opening: 915 x 2100 mm
- Fixed part: 995 x 2200 mm

### LOCKS AND HARDWARE

- Hardware according to specification

### FINISHING

- Stainless steel brushed/polished
- Powder or wet paint
- RAL and NCS colors



# MARINE B15 SINGLE LEAF HINGED DOOR

## MSF101 B15 single leaf hinged door

### TECHNICAL DETAILS

- Frame: Z-, T- or L-profile
- Frame with/without top panel
- Extended frame up to 2350 mm
- Door leaf thickness: 40 mm
- Door leaf with trimlist
- Stainless steel threshold

### MAX. DIMENSIONS

- Clear opening: 1040 x 2100 mm

### OPTIONAL ACCESSORIES

- Ventilation grille
- Kick plate in stainless steel
- Window
- Gaskets
- AISI316 hinges

### LOCKS AND HARDWARE

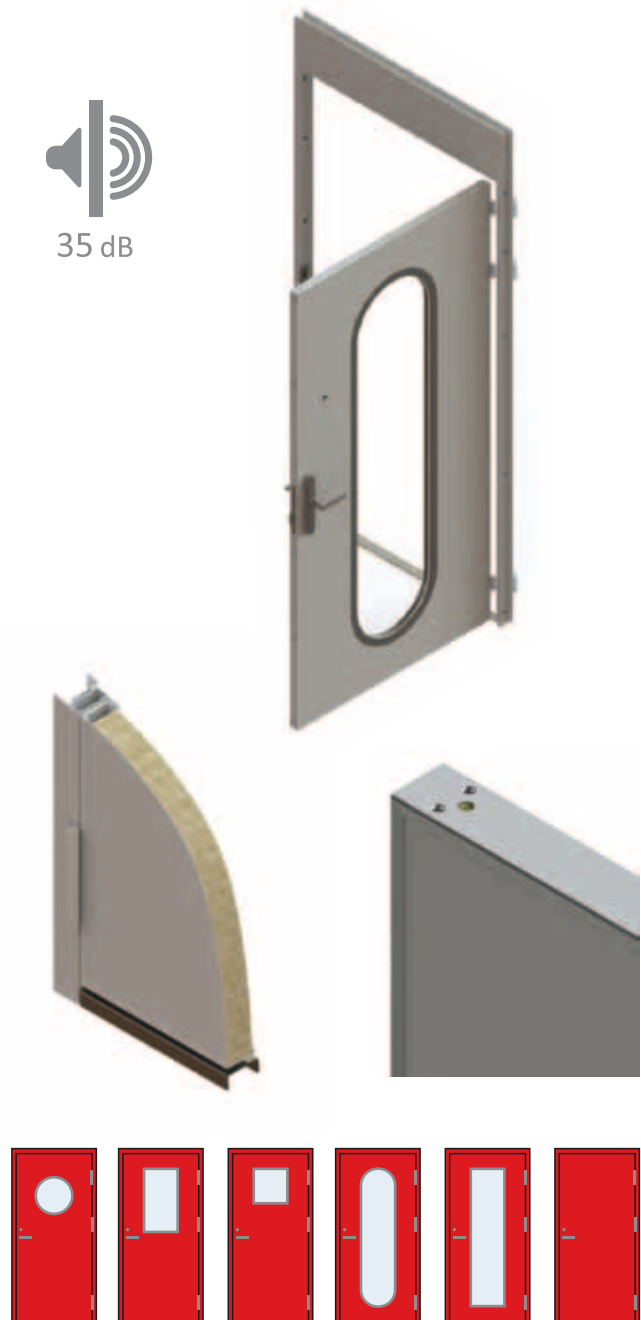
- Electrical lock
- Panic device
- Hardware according to specification

### FINISHING

- Stainless steel brushed/polished
- Powder or wet paint
- RAL and NCS colors
- PVC coated steel plate
- High pressure laminate



35 dB



# MARINE B15 NR SINGLE LEAF HINGED DOOR

## MSF101 B15 noise reduction single leaf hinged door



### TECHNICAL DETAILS

- Frame: Z-, T- or L-profile
- Door leaf thickness: 40 mm
- Door leaf with trimlist
- Stainless steel threshold
- Sound reduction up to 40dB

### MAX. DIMENSIONS

- Clear opening: 1060 x 2100 mm

### OPTIONAL ACCESSORIES

- Kick plate in stainless steel
- Gaskets
- AISI316 hinges

### LOCKS AND HARDWARE

- Hardware according to specification

### FINISHING

- Stainless steel brushed/polished
- Powder or wet paint
- RAL and NCS colors
- PVC coated steel plate
- High pressure laminate



# MARINE B15 HNR SINGLE LEAF HINGED DOOR

## ■ MSF101 B15 high noise reduction single leaf hinged door



46 dB

### ■ TECHNICAL DETAILS

- Frame: Z-, T- or L-profile
- Door leaf thickness: 40 mm
- Door leaf with special trimlist
- Stainless steel threshold
- Sound reduction up to 46dB
- Double gaskets

### ■ MAX. DIMENSIONS

- Clear opening: 1060 x 2100 mm

### ■ OPTIONAL ACCESSORIES

- Kick plate in stainless steel
- Gaskets
- AISI316 hinges

### ■ LOCKS AND HARDWARE

- Hardware according to specification

### ■ FINISHING

- Stainless steel brushed/polished
- Powder or wet paint
- RAL and NCS colors
- PVC coated steel plate
- High pressure laminate





# MARINE B15 HINGED DOOR WITH ELECTRICAL DRIVE SYSTEM

## Single and double leaf

### TECHNICAL DETAILS

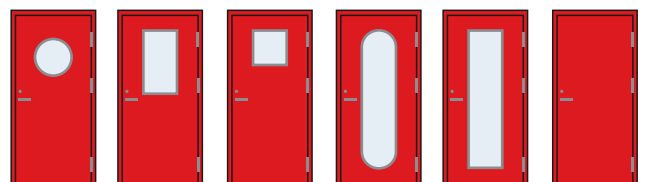
- Pre-mounted drive
- Pre-installed wires
- Push or pull side installation
- Scissor or sliding arm
- ADA execution
- Modular design

### OPTIONAL SOLUTION

- Safety sensors
- Radar detectors
- Various push buttons
- Elbow switch
- Wind load control
- Power assistor
- Electromechanical locking
- Microswitch

### OPTIONAL SERVICES

- System design for customer
- Pre-programmed at factory
- Programming at site



# MARINE B15 DOUBLE LEAF HINGED DOOR

## MSF201 B15 double leaf hinged door

### TECHNICAL DETAILS

- Frame: Z-, T- or L-profile
- Frame with/without top panel
- Extended frame up to 2625 mm
- Door leaf thickness: 40 mm
- Door leaf with trimlist
- Stainless steel threshold

### MAX. DIMENSIONS

- Clear opening: 2200 x 2100 mm

### OPTIONAL ACCESSORIES

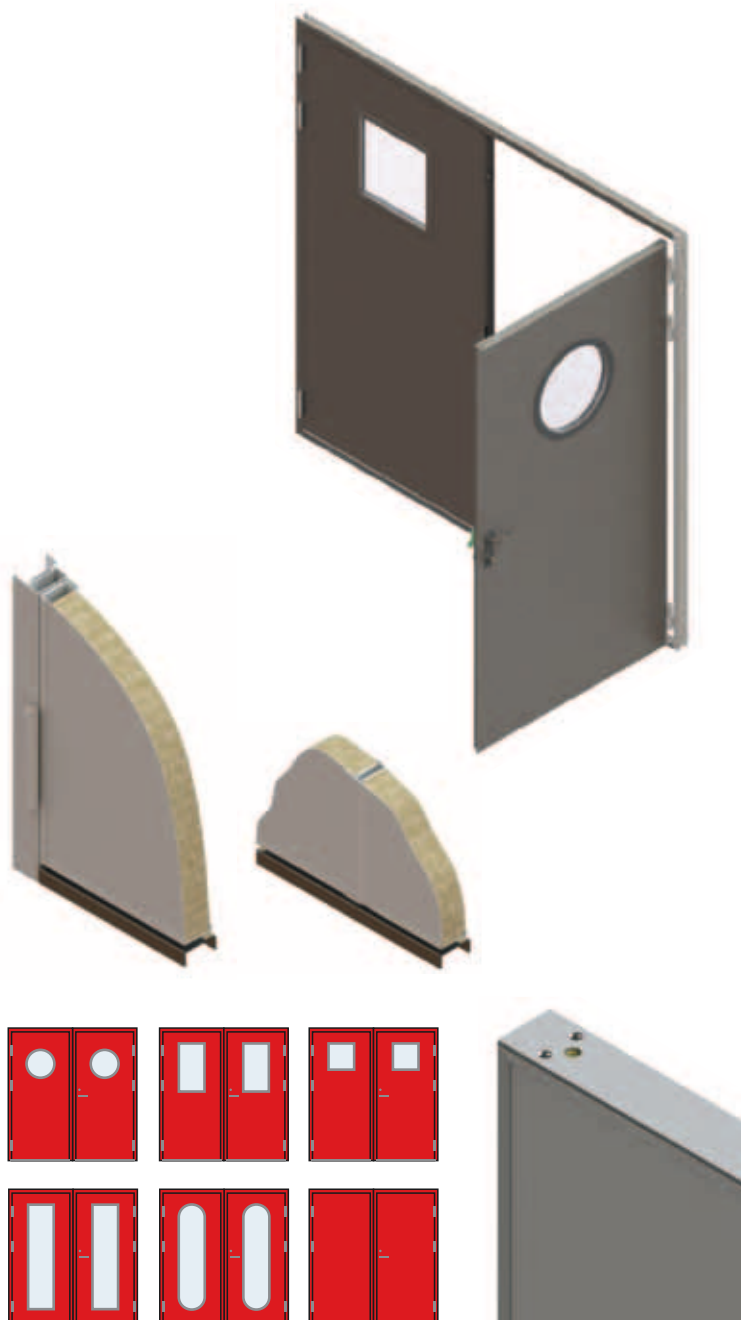
- Ventilation grille
- Kick plate in stainless steel
- Window
- Gaskets
- AISI316 hinges

### LOCKS AND HARDWARE

- Electrical lock
- Card reader
- Panic device
- Automatic door operator
- Concealed door closer
- Hardware according to specification

### FINISHING

- Stainless steel brushed/polished
- Powder or wet paint
- RAL and NCS colors
- PVC coated steel plate



# MARINE B0 STEEL HATCH

## MSF103 B0 steel hatch

### TECHNICAL DETAILS

- Frame: 1,5 mm steel
- Door leaf thickness 32 mm

### MAX. DIMENSIONS

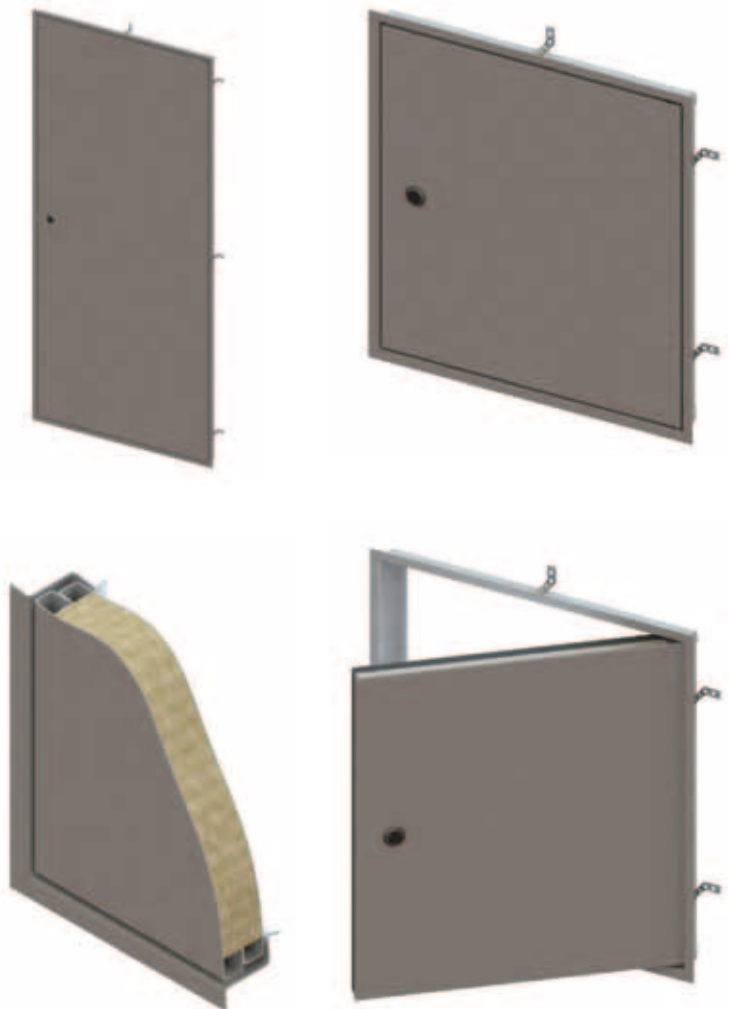
- Clear opening: 600 x 1500 mm

### LOCKS AND HARDWARE

- Quarter turn lock
- Pivot hinges

### FINISHING

- Stainless steel brushed/polished
- Powder or wet paint
- RAL and NCS colors
- PVC coated steel plate
- High pressure laminate



# MARINE B15 BULKHEAD PANEL

## MFP501 B15 bulkhead panel

### MAX. DIMENSIONS

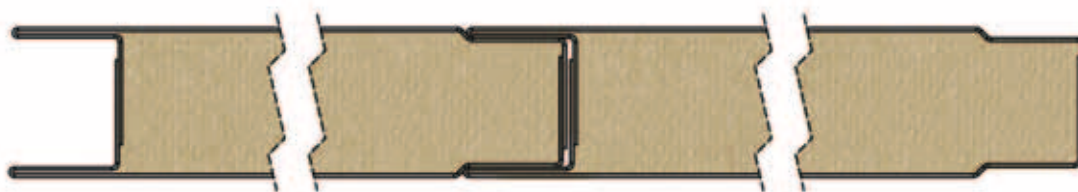
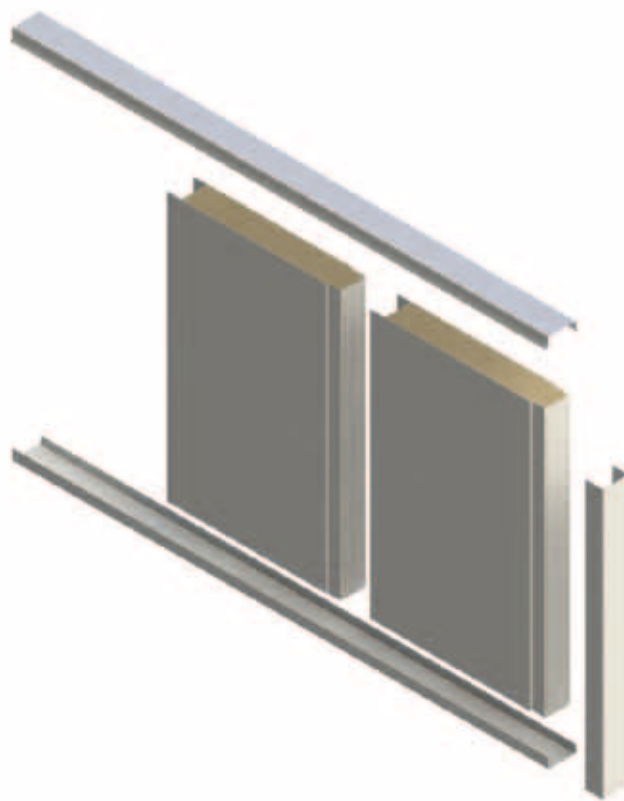
- Panel element: 1100 x 2483 mm

### TECHNICAL DETAILS

- Panel thickness: 50 mm
- Weight 15 kg/m<sup>2</sup>
- Sound reduction  $R_w=31$  dB

### FINISHING

- Stainless steel brushed/polished
- Powder or wet paint
- RAL and NCS colors
- PVC coated steel plate



# MARINE B15 GLAZED PROFILE DOOR

## MGF101 B15 Glazed profile single leaf door

### TECHNICAL DETAILS

- Steel thickness: 1,5 mm
- Profile frame depth: 50 mm
- Door leaf thickness: 50 mm
- Profile width: 50 to 85 mm

### MAX. DIMENSIONS

- Door clear opening: 1060 x 2100 mm
- Top panel: 1200 x 300 mm

### LOCKS AND HARDWARE

- Hardware according to specification

### FINISHING

- Stainless steel brushed/polished
- Powder or wet paint
- RAL and NCS colors



# MARINE B15 GLAZED PROFILE DOUBLE DOOR

## MGF201 B15 Glazed profile double leaf door

### TECHNICAL DETAILS

- Steel thickness: 1,5 mm
- Profile frame depth: 50 mm
- Door leaf thickness: 50 mm
- Profile width: 50 to 85 mm

### MAX. DIMENSIONS

- Door clear opening: 1860 x 2100 mm
- Top panel: 2000 x 300 mm

### LOCKS AND HARDWARE

- Hardware according to specification

### FINISHING

- Stainless steel brushed/polished
- Powder or wet paint
- RAL and NCS colors



# MARINE B15 GLAZED WALL PARTITION

## MGP101 B15 glazed wall partition

### TECHNICAL DETAILS

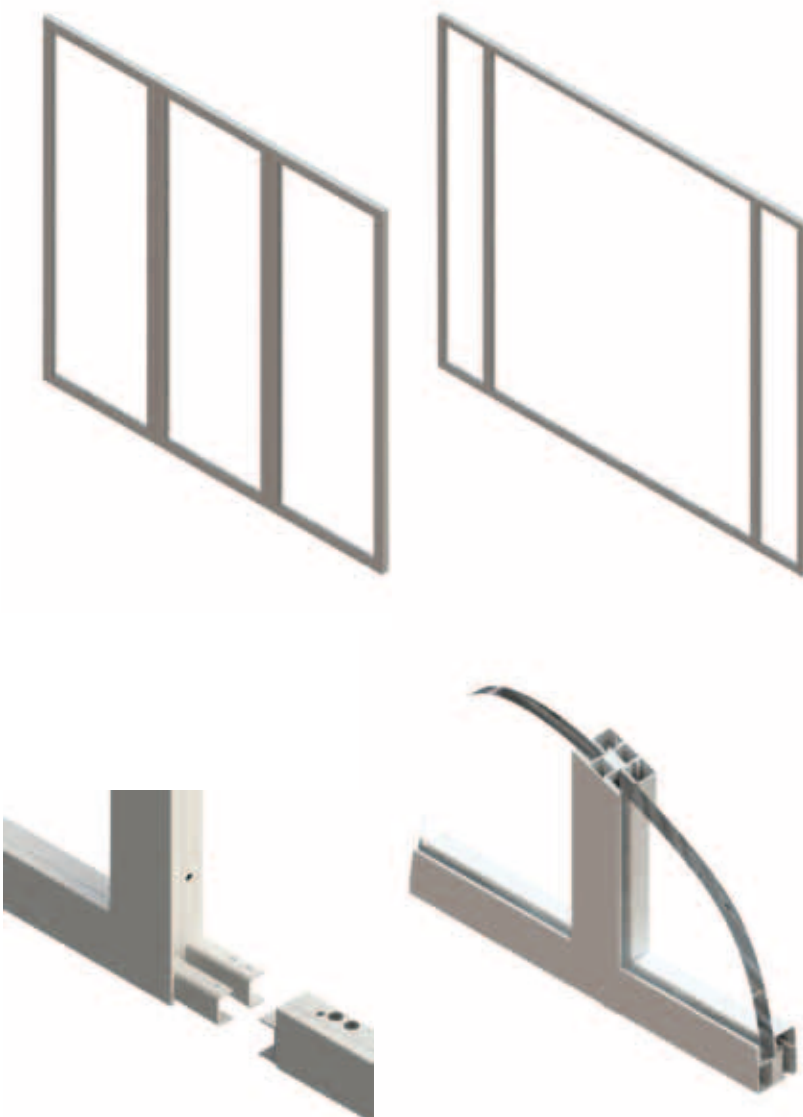
- Steel thickness: 1,5 mm
- Profile depth: 50 mm
- Profile width: 30 to 50 mm

### MAX. DIMENSIONS

- Panel element: 2200 x 2490 mm

### FINISHING

- Stainless steel brushed/polished
- Powder or wet paint
- RAL and NCS color



Optional connection method

# MARINE B15 SINGLE LEAF SLIDING DOOR ELECTRICALLY OPERATED

- **MGF102-G B15 glazed profile single leaf sliding door**
- **MGF102-S B15 insulated profile single leaf sliding door**

## ■ TECHNICAL DETAILS

- Steel profiles
- Electrically operated drive system
- Installation supporting frame
- Emergency power unit
- Door leaf thickness 55 mm
- Design glass option

## ■ MAX. DIMENSIONS

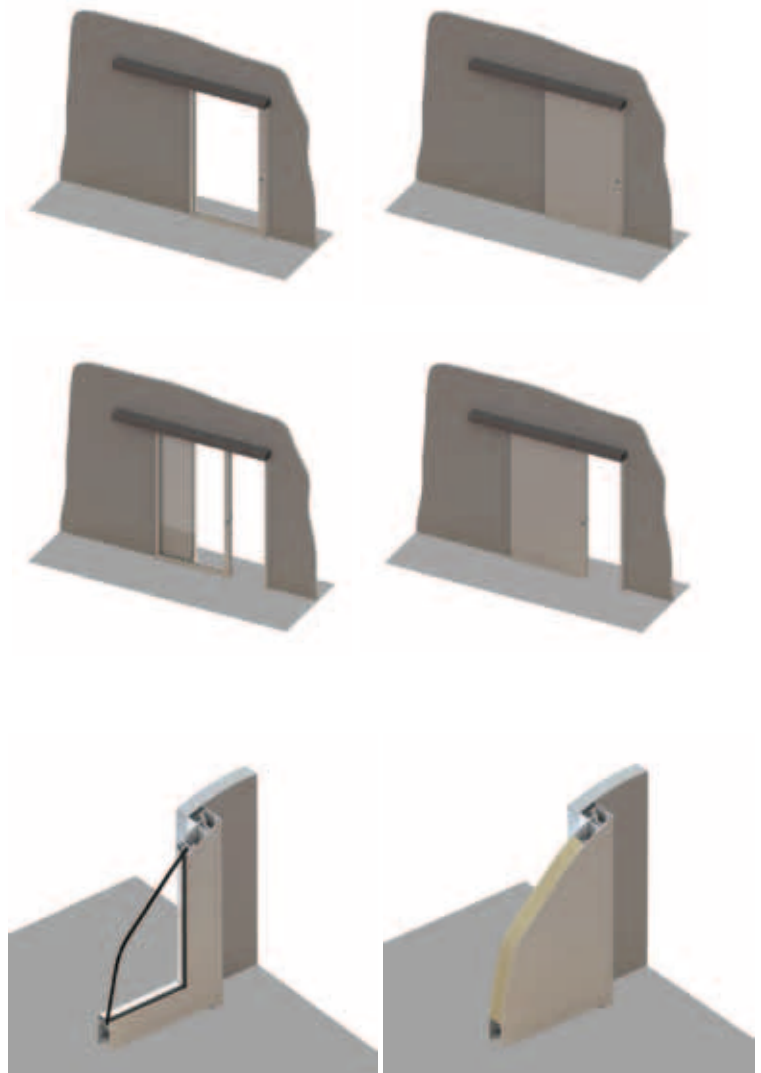
- Glazed clear opening: 1200 x 2276 mm
- Insulated clear opening: 1422 x 2276 mm

## ■ LOCKS AND HARDWARE

- Mechanical lock
- Pull or recessed handle
- Finger grip
- Various push buttons
- Radar detectors

## ■ FINISHING

- Stainless steel brushed/polished
- Powder or wet paint
- RAL and NCS colors
- Copper/brass/stainless steel plated
- High pressure laminate





# MARINE B15 SINGLE LEAF SLIDING DOOR MANUALLY OPERATED

- **MGF102-G B15 glazed profile single leaf sliding door**
- **MGF102-S B15 insulated profile single leaf sliding door**

## ■ TECHNICAL DETAILS

- Steel profiles
- Manual drive system with counterweight
- Installation supporting frame
- Door leaf thickness 55 mm
- Design glass option
- Electrical operation can be added as extra

## ■ MAX. DIMENSIONS

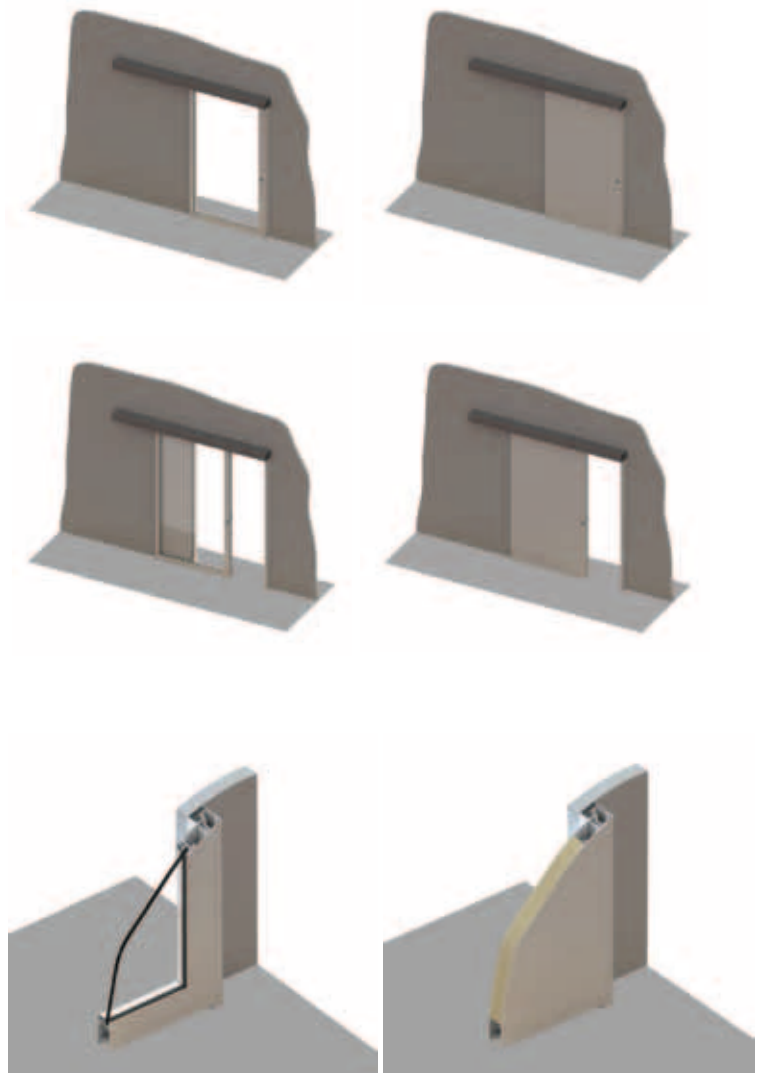
- Glazed clear opening: 1200 x 2276 mm\*
  - Insulated clear opening: 1422 x 2276 mm\*
- \* for everyday use we recommend only smaller sizes to be manually operated

## ■ LOCKS AND HARDWARE

- Mechanical lock
- Pull or recessed handle
- Finger grip
- Hold-open magnet
- Release switch

## ■ FINISHING

- Stainless steel brushed/polished
- Powder or wet paint
- RAL and NCS colors
- Copper/brass/stainless steel plated
- High pressure laminate



# MARINE B15 PROFILE DOUBLE LEAF SLIDING DOOR ELECTRICALLY OPERATED

- **MGF202-G B15 glazed profile double leaf sliding door**
- **MGF202-S B15 insulated profile double leaf sliding door**

## ■ TECHNICAL DETAILS

- Steel profiles
- Electrically operated drive system
- Installation supporting frame
- Emergency power unit
- Door leaf thickness 55 mm
- Design glass option

## ■ MAX. DIMENSIONS

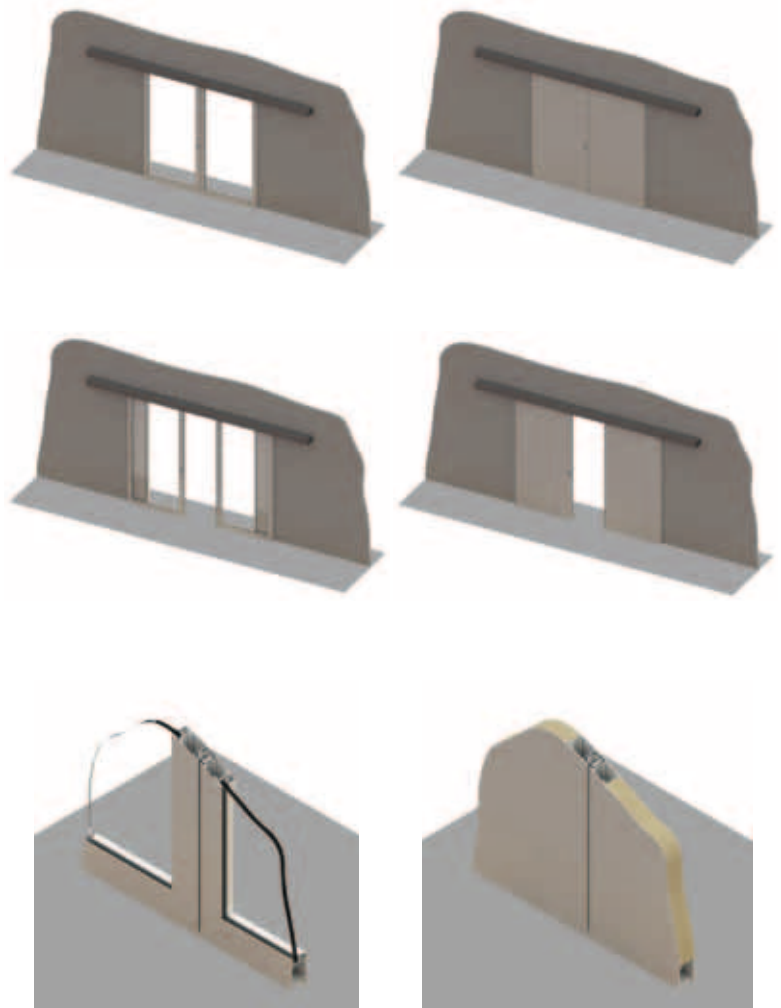
- Clear opening: 2166 x 2276 mm

## ■ LOCKS AND HARDWARE

- Mechanical lock
- Pull or recessed handle
- Finger grip
- Various push buttons
- Radar detectors
- Safety system

## ■ FINISHING

- Stainless steel brushed/polished
- Powder or wet paint
- RAL and NCS colors
- Copper/brass/stainless steel plated
- High pressure laminate



# MARINE B15 PROFILE DOUBLE LEAF SLIDING DOOR MANUALLY OPERATED

- **MGF202-G B15 glazed profile double leaf sliding door**
- **MGF202-S B15 insulated profile double leaf sliding door**

## ■ TECHNICAL DETAILS

- Steel profiles
- Manual drive system with counterweight
- Installation supporting frame
- Door leaf thickness 55 mm
- Design glass option
- Electrical operation can be added as extra

## ■ MAX. DIMENSIONS

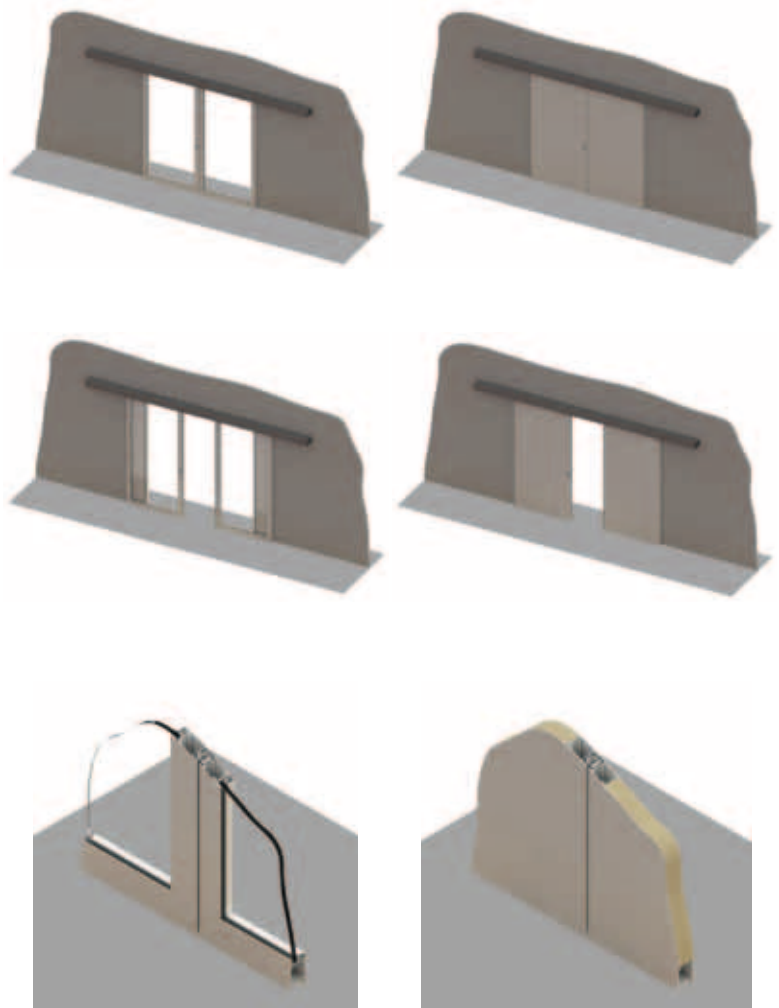
- Clear opening: 2166 x 2276 mm\*
- \* for everyday use we recommend only smaller sizes to be manually operated

## ■ LOCKS AND HARDWARE

- Mechanical lock
- Pull or recessed handle
- Finger grip
- Safety system
- Hold-open magnet
- Release switch

## ■ FINISHING

- Stainless steel brushed/polished
- Powder or wet paint
- RAL and NCS colors
- Copper/brass/stainless steel plated
- High pressure laminate



# MARINE C-CLASS SINGLE LEAF SWING DOOR

## MSF720 C-class single leaf swing door

### TECHNICAL DETAILS

- Frame: L-profile or special design
- Counter frame
- Door leaf thickness: 32 mm
- AISI316 swing hinges
- Door leaf with trimlist

### MAX. DIMENSIONS

- Clear opening: 1000 x 2100 mm

### OPTIONAL ACCESSORIES

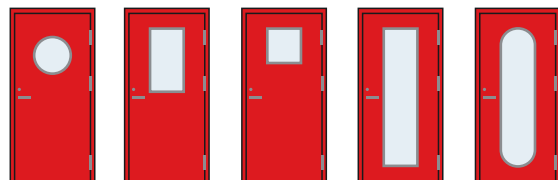
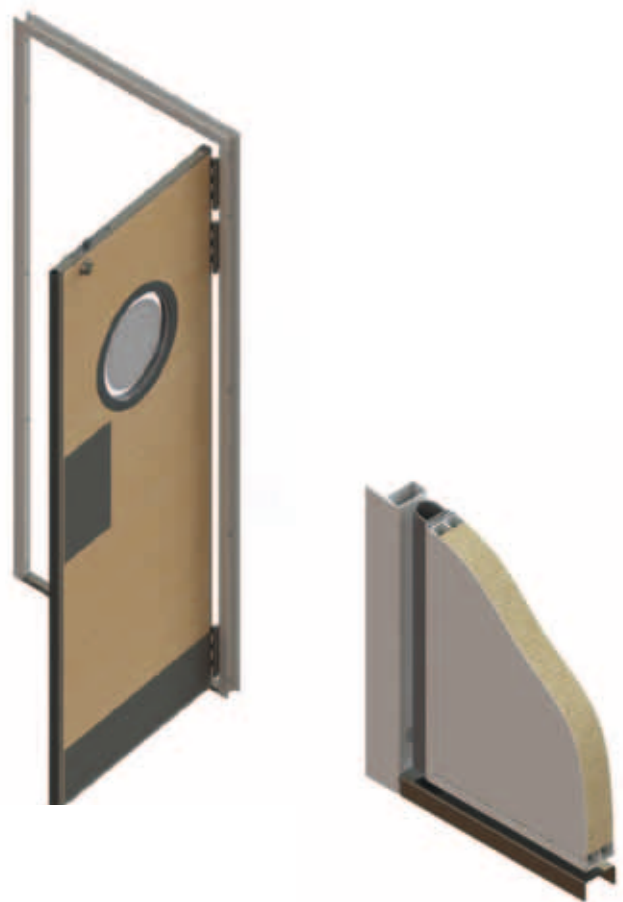
- Window
- Push and kick plates
- Finger protection gasket

### LOCKS AND HARDWARE

- Lock in upper corner
- Hardware according to specification

### FINISHING

- Stainless steel brushed/polished
- Powder or wet paint
- RAL and NCS colors
- PVC coated steel plate
- High pressure laminate



# MARINE C-CLASS DOUBLE LEAF SWING DOOR

## MSF721 C-class double leaf swing door

### TECHNICAL DETAILS

- Frame: L-profile or special design
- Counter frame
- Door leaf thickness: 32 mm
- AISI316 swing hinges
- Door leaf with trimlist

### MAX. DIMENSIONS

- Clear opening: 1000 + 1000 x 2100 mm

### OPTIONAL ACCESSORIES

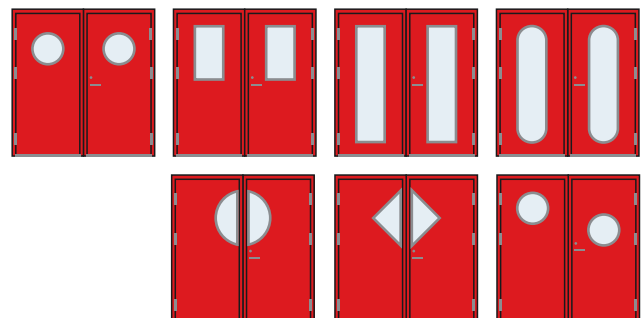
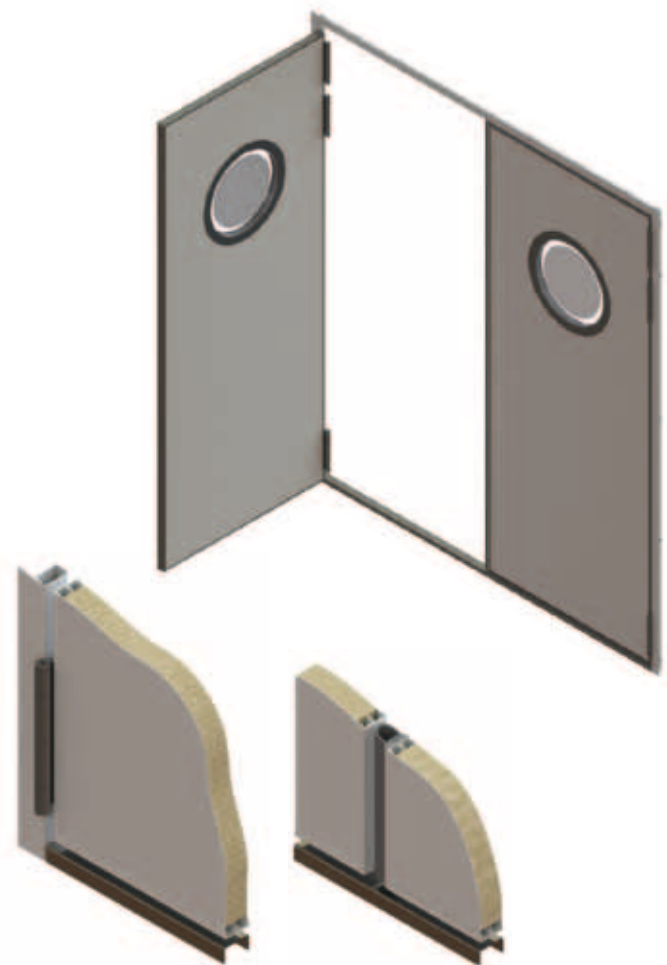
- Window
- Push and kick plates
- Finger protection gasket

### LOCKS AND HARDWARE

- Lock in upper corner
- Hardware according to specification

### FINISHING

- Stainless steel brushed/polished
- Powder or wet paint
- RAL and NCS colors
- PVC coated steel plate
- High pressure laminate



# MARINE C-CLASS SINGLE LEAF WET UNIT DOOR

## ■ MSF710 C-class single leaf wet unit door

### ■ TECHNICAL DETAILS

- Frame: Z-, T- or L-profile
- Door leaf thickness: 32 mm
- Custom made special frame options

### ■ MAX. DIMENSIONS

- Clear opening: according to request

### ■ OPTIONAL ACCESSORIES

- Ventilation grille
- Window
- Door leaf with trimlist

### ■ LOCKS AND HARDWARE

- Hardware according to specification

### ■ FINISHING

- Stainless steel brushed/polished
- Powder or wet paint
- RAL and NCS colors
- PVC coated steel plate
- High pressure laminate



■ Optional door leaf with trimlist

