



The service and office doors are used for locker rooms, offices, pharmaceutical companies, hospitals. They are absolutely leakproof with polyurethane insulation, single and double leaf, with lock and stainless handle with U shape. Contemporary design and aesthetics, soundproofing and thermal insulation doors.

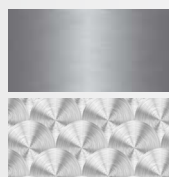


- Stainless steel handle mechanism in U-shape.
- Lock & hinges.
- Modern design and construction for soft, easy and noiseless closing without problems.
- Single section (monoblock) door.
- Polyurethane insulation thickness of 40 mm from BAYER fire retardant Germany.
- Aluminum perimetral door frame with counter frame system that embraces each panel thickness. In accordance with HACCP standards. EASY-PASS (quick & easy assembly).
- Door surface made from German steel sheets 30% thicker than the competition, plasticized to a thickness of 200 µm with Sanitary Steel film coating with antibacterial properties.
- Aluminium perimetric door frame, placed against the structure.
- Border gaskets of german origin, insulating properties with Beehive cells and perfect adhesion.
- Five year written guarantee.
- Wide colour range.

## OPTIONS



Plastified sheet  
(standard)



Stainless steel sheet  
(optional)



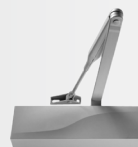
Window 300x500mm



Antipanic push bar for emergency  
exit



Floor Airlock



Door Closer

## AVAILABLE COLORS



RAL1006



RAL2009



RAL3001



RAL5015



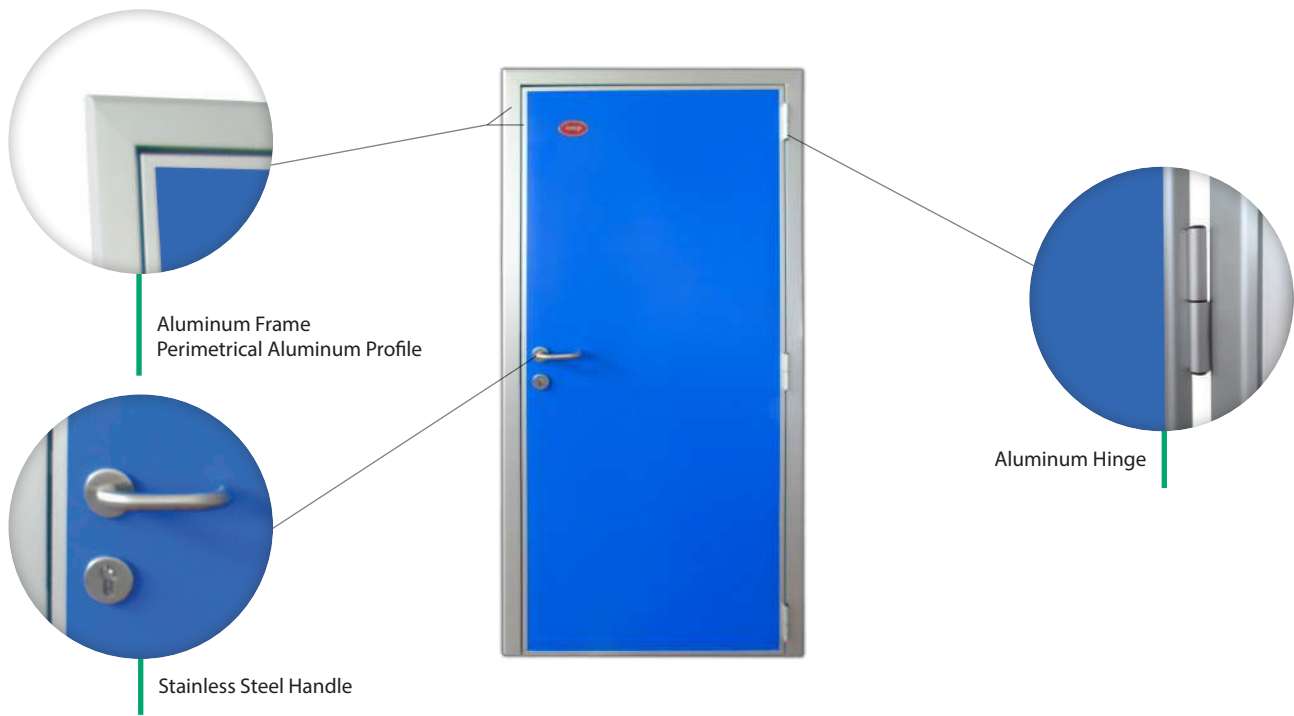
RAL9010



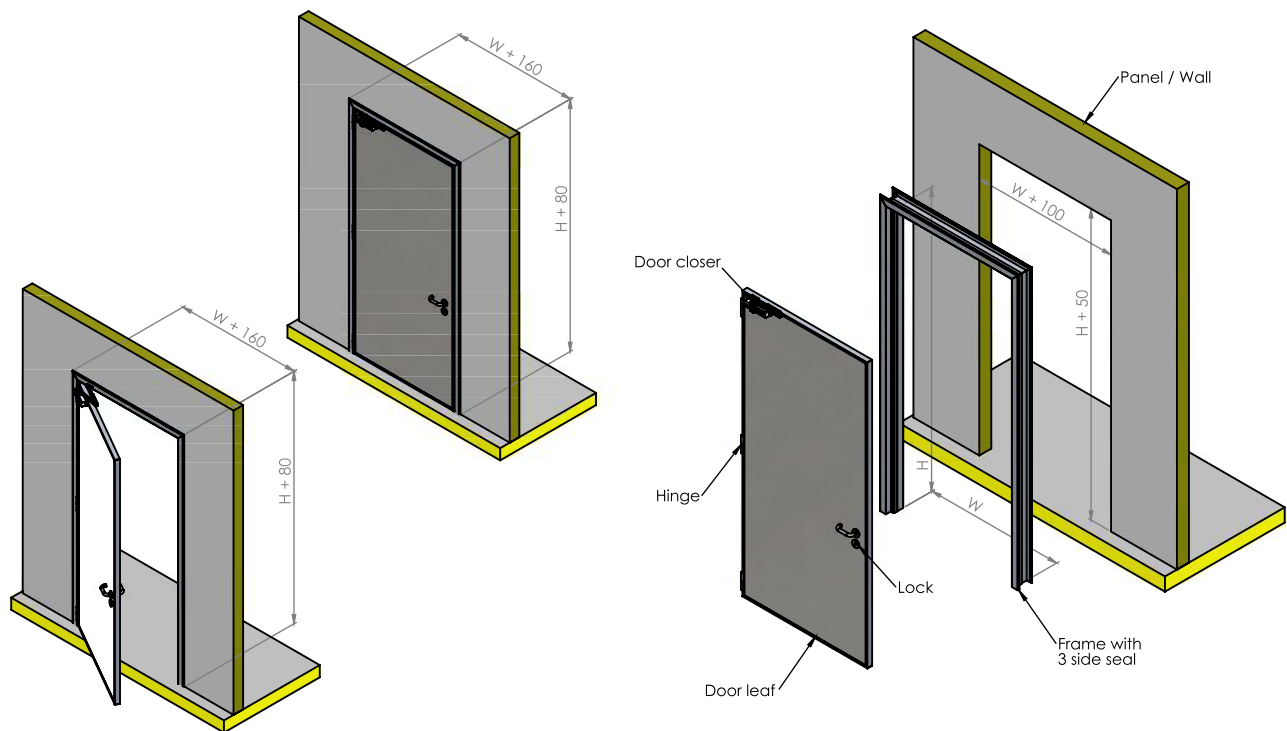
RAL7047 Pebbled

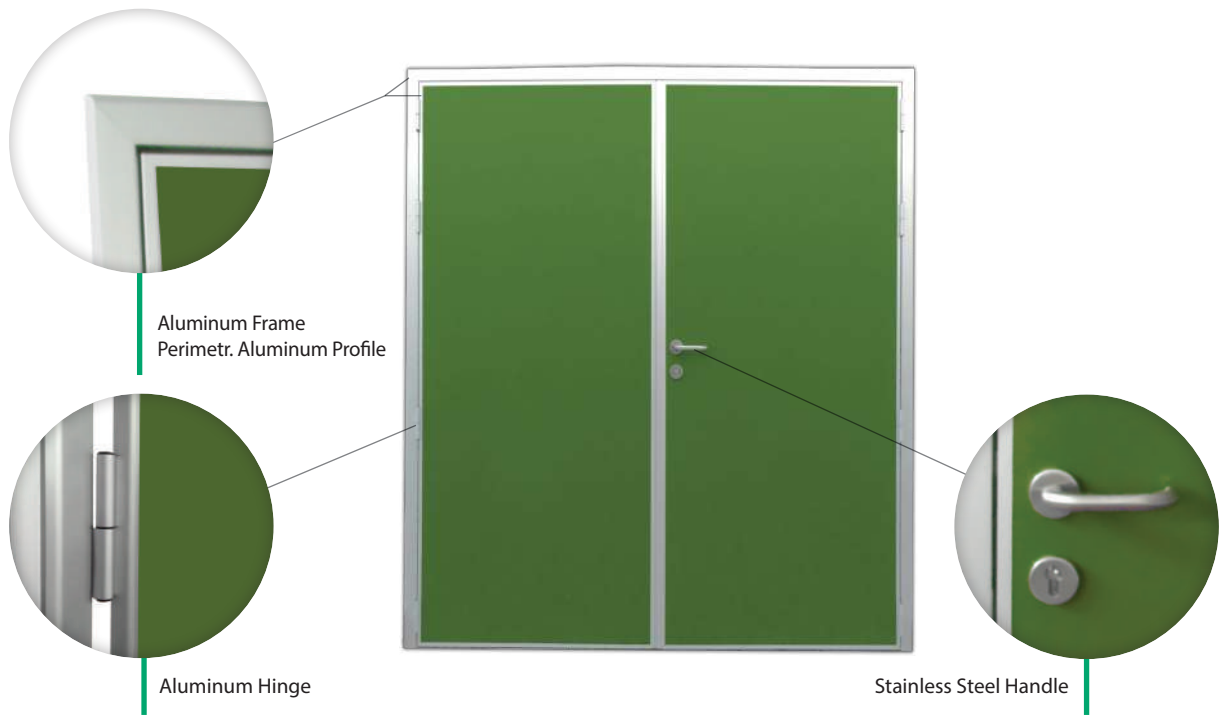


RAL9002

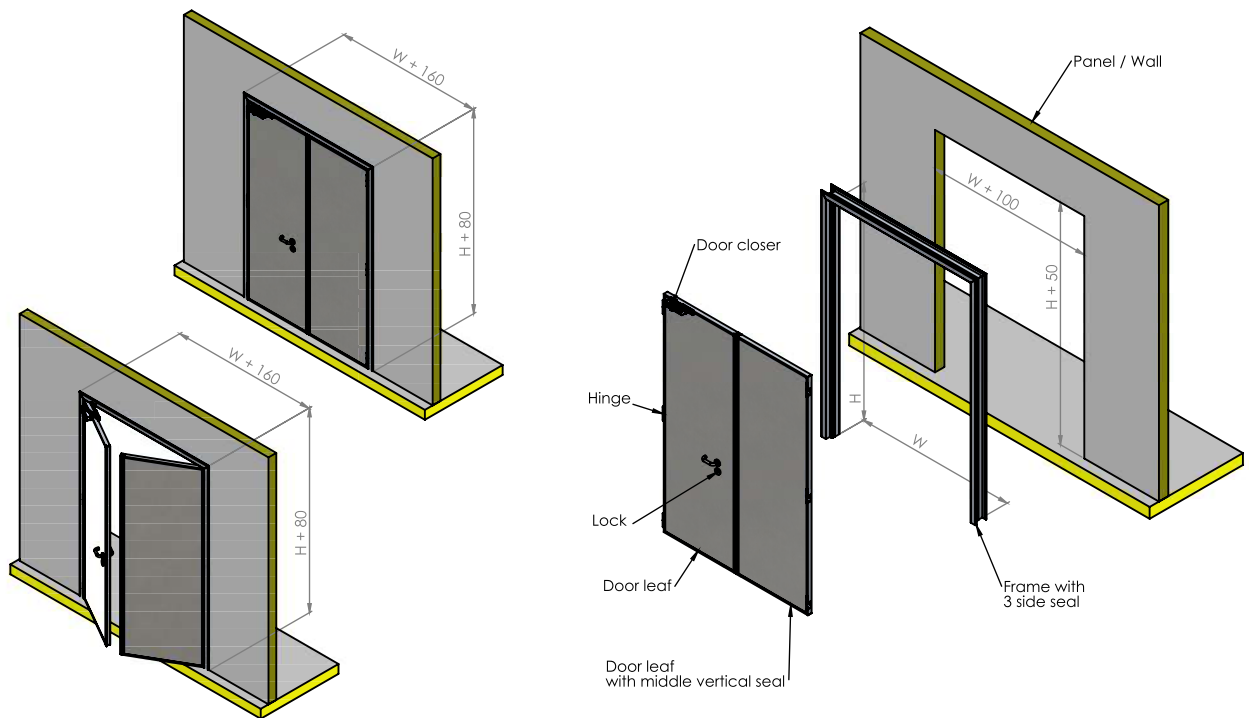


## SINGLE LEAF TECHNICAL DRAWING





## DOUBLE LEAF TECHNICAL DRAWING





SINGLE LEAF



DOUBLE LEAF

The clean room doors for sanitary applications carry a special coating film with antibacterial properties. An antibacterial action is activated on environmental conditions that usually favor the proliferation of bacteria, fungi and algae.

Applications: pharmaceutical industry, hospitals, clinics, clean rooms, surgeries, food preparation workshops with certified antibacterial coating.

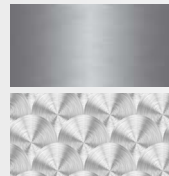


- The coating of clean room doors offers proven effectiveness against different types of bacteria such as staphylococcus, salmonella, escherichia coli, listeria etc. Certified specifically for food with the Certificate of EU Food Contact Compliance 2002/72 / EC.
- This antibacterial coating has a dual effect, prevents the growth of bacteria and fights those that may have been created. The steel sheets with polyester coating with antibacterial properties, offer long-term protection and hygiene, even in places where cleaning is not guaranteed.
- Airlock dropdown seal that it includes an aluminum profile guide, EPDM rubber (resistant to temperatures from – 35 °C to + 90 °C) and supporting materials well reinforced to withstand more than 200,000 door openings-closings.
- The mechanism works with a switch which regulates the movement of the profile with the rubber, thus adapting to the floor every time you open and close the door.

## OPTIONS



Sheet with smooth antimicrobial coating (standard)



Stainless steel sheet (optional)



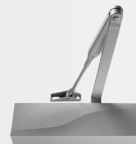
Window 300x500mm (standard)



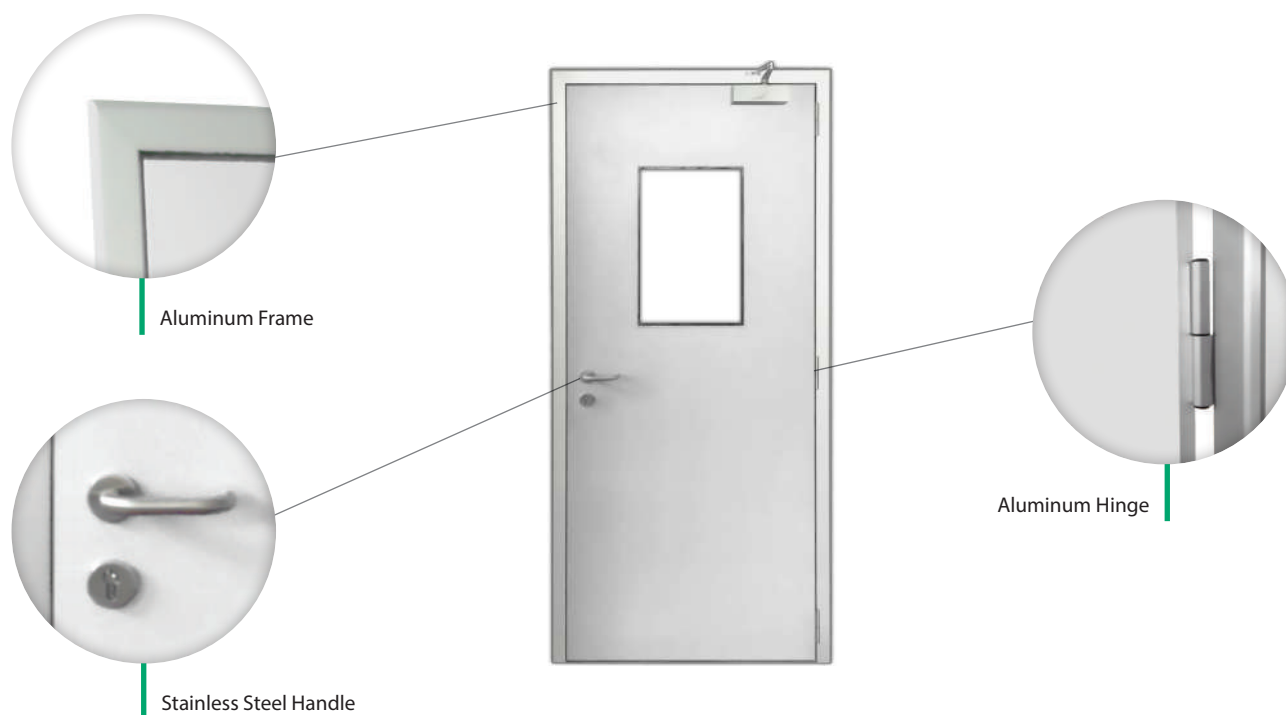
Antipanic push bar for emergency exit



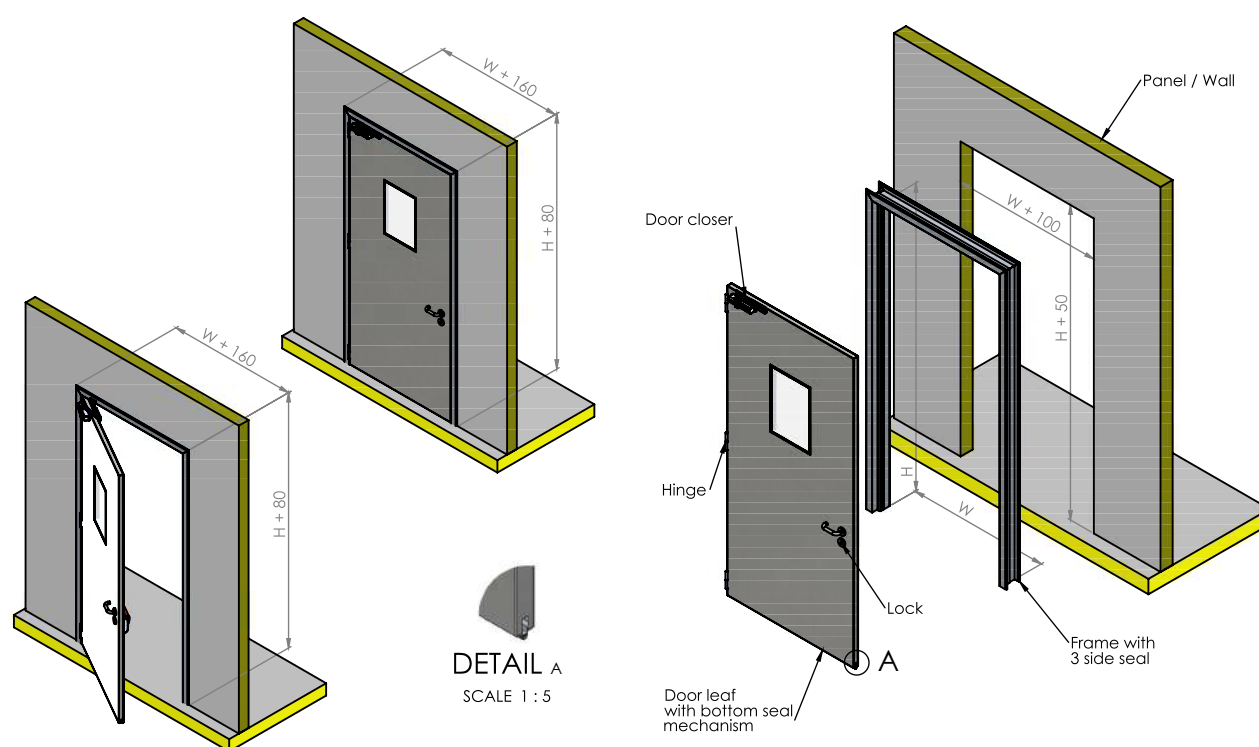
Floor Airlock (standard)

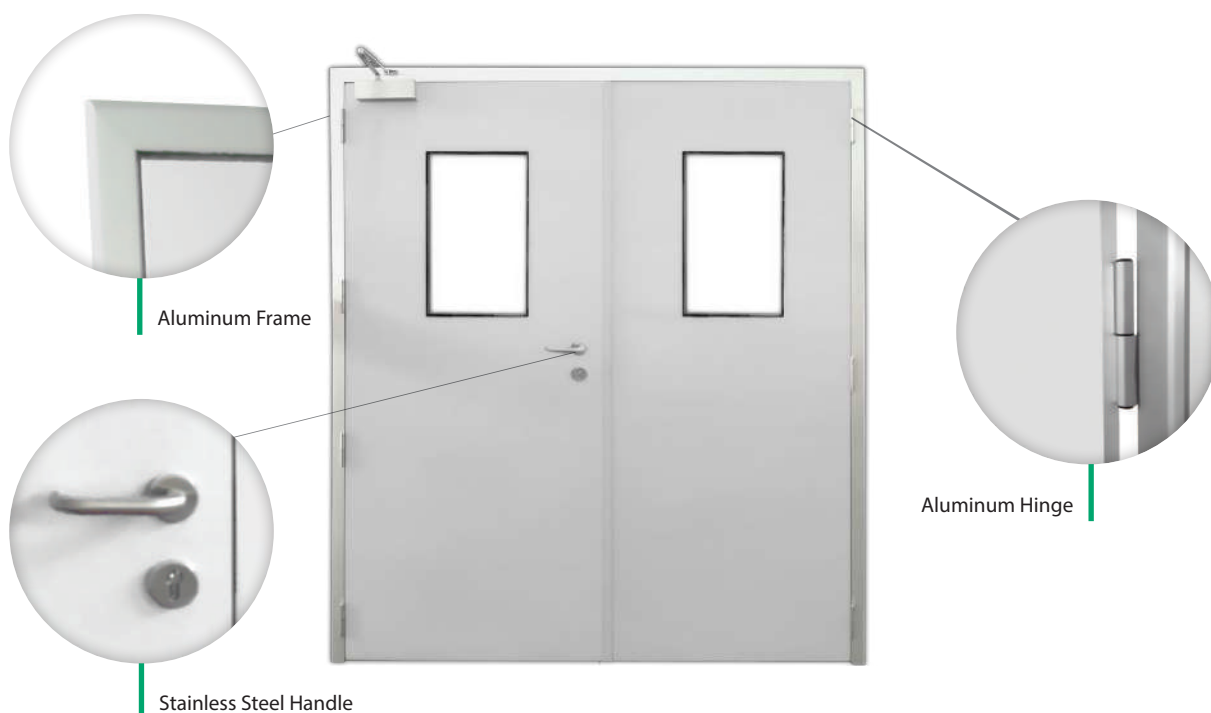


Door Closer (standard)

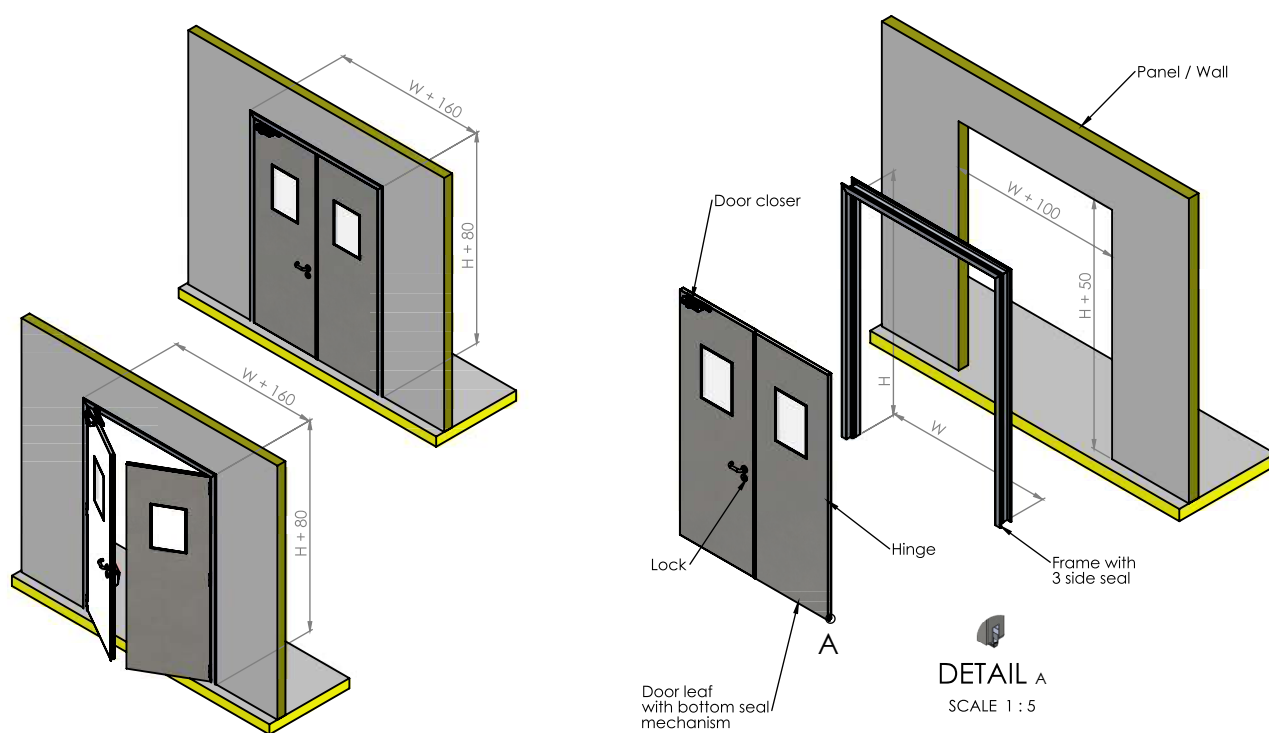


## SINGLE LEAF TECHNICAL DRAWING





## DOUBLE LEAF TECHNICAL DRAWING





Certified antibacterial coating for clean room doors. The steel sheets with plastic coating with antibacterial properties, offer long-term protection and hygiene, even in places where cleaning is not guaranteed. The coating of clean room doors offers proven effectiveness against different types of bacteria such as staphylococcus, salmonella, escherichia coli, listeria etc.

Protective film

Antibacterial film

Adhesive

Surface treatment

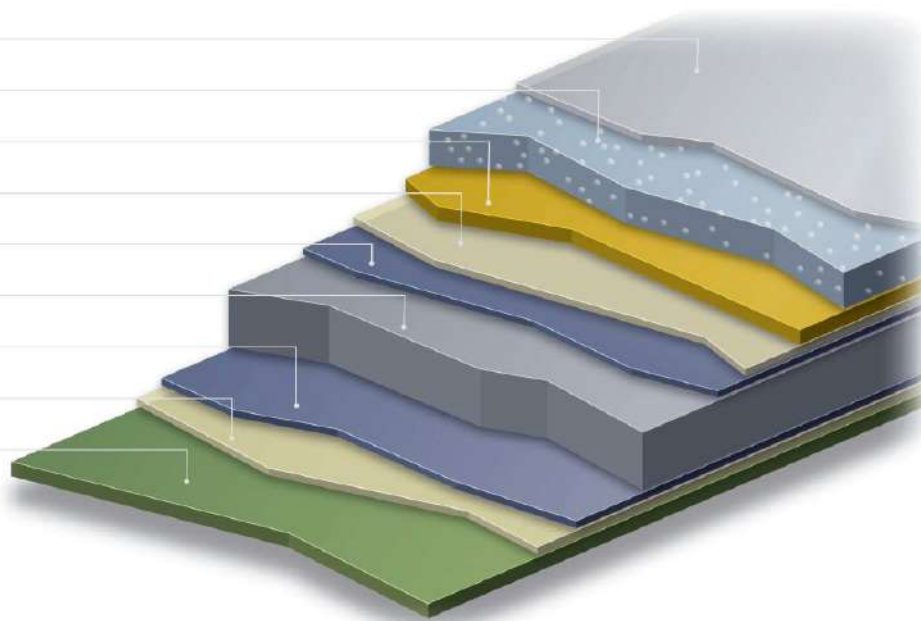
Zinc

Metallic support

Zinc

Surface treatment

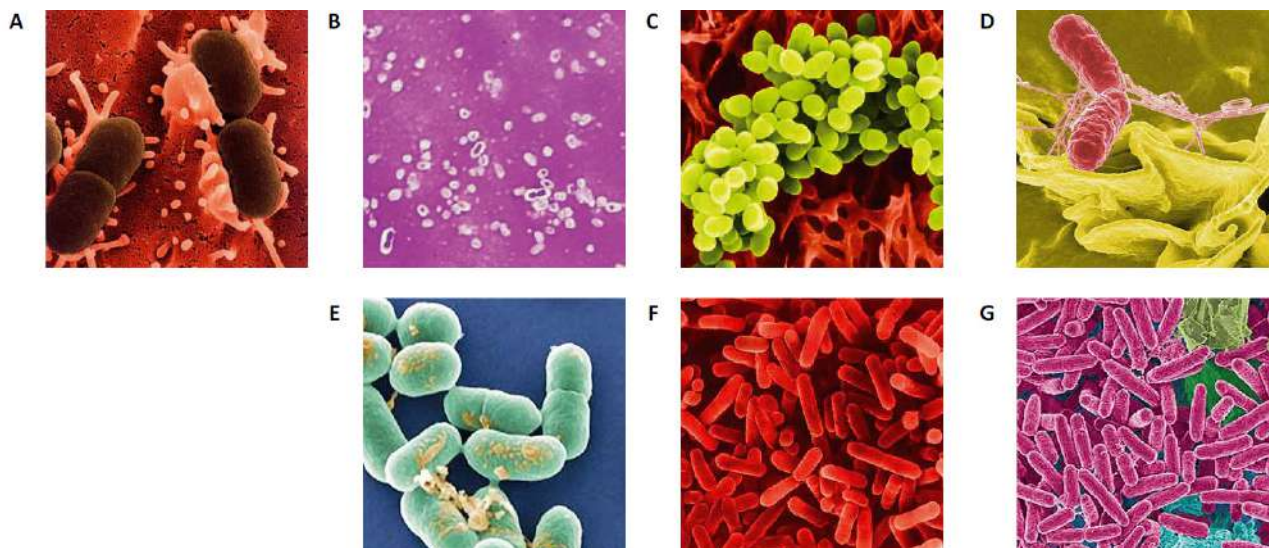
Back coat primer



ISO 22196:2007 - ASTM E 2180-07 - JIS Z 2801

➤ Escherichia Coli	(A)	ATCC8739
➤ Klebisella pneumonie	(B)	ATCC10031
➤ Staphylococcus aureus	(C)	ATCC15442
➤ Salmonella typhimurium	(D)	ATCC6538
➤ Listeria monocytogenes	(E)	ATCC13311
➤ Legionella pneumophila	(F)	ATCC19117
➤ Pseudomonas aeruginosa	(G)	ATCC43108

*Satisfy all the norm requirements, showing great antibacterial action*



Interlock systems are designed to provide a safe, efficient and convenient means of opening and closing doors in a controlled environment such as a clean room. Our Interlock System is a fail Safe electric bolt suitable for clean room doors. Patented and tested on 500.000 operations.



Build-in Photoelectricity control and low temperature design.

- Photoelectricity Controlling, no mechanical defect.
- Low Temperature, safe & Durable.
- Low Power, Environmental Protection.
- Long Life with 500.000 Operations.
- MOV Provides Reverse Current Protection.
- Special photoelectricity control, three steps current application.
- The humanized design of Led helps to indicate the working status of lock.
- The applying of kirsite and Stainless Steel prevent the lock from high temperature, corrosion or damage.
- With complete accessories, available for any doors.
- Certificate: CE & MA.

	MOD 504PS	MOD 504CR
Application		
Office - Service	●	
Clean Room		●
Net Opening Dimensions (mm)*		
Minimum Width **	800	800
Minimum Height	1900	1900
Maximum Width **	1200	1200
Maximum Height	2200	2200
Options		
Plastified Surface ***	●	●
Inox Surface	○	○
Full Inox	○	○
Porthole 300x500mm	○	●
Panic Bar	○	○
Floor Airlock Seal	○	●
Door Closer	○	●

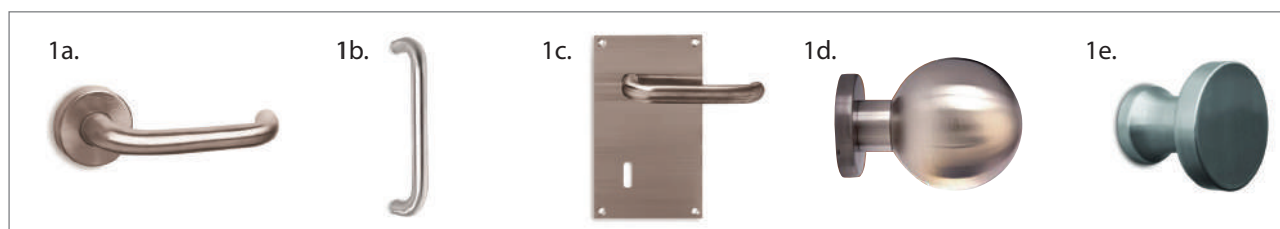
- Standard  
○ Optional

\* For custom dimensions contact with A. Motors office.

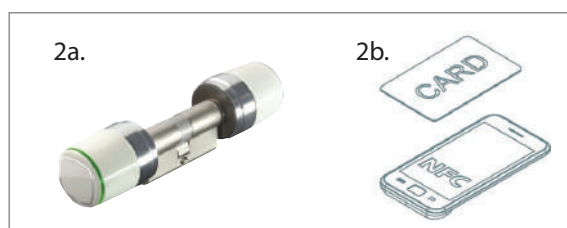
\*\* For width greater than 1200mm double leaf door is used.

\*\*\* Colors other than white come with extra charge.

## EXTRA OPENING OPTIONS FOR CLEAN ROOM



- 1a. Antimicrobial opening handle
- 1b. Antimicrobial pull lever
- 1c. Antimicrobial push plate
- 1d. Antimicrobial bull knob
- 1e. Stainless steel bull knob
- 2a. Opening with button
- 2b. Opening with button or smartphone





Our products are constructed in our modern facilities in Kryoneri Industrial Area, Athens, in compliance with German DIN standards of Berlin Technical University & HACCP specifications.

## **A. MOTORS - CH. PILALIS S.A.**

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