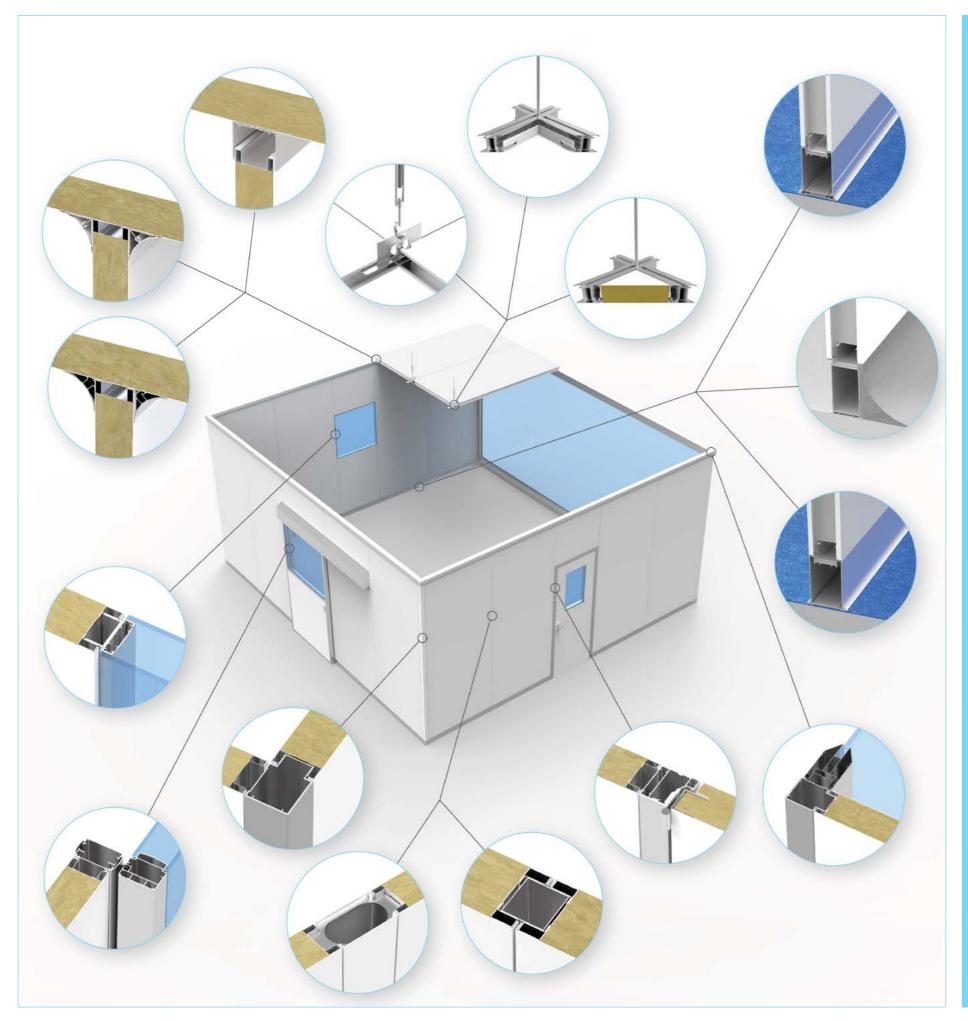




Cleanroom Panel System







Cleanroom modular panel system

Cleanroom is controlled space designed to minimize particle contamination in every industry where small particles can adversely affect the manufacturing process.

We are ensuring this solution with advanced arhitectual design using flushed design of cleanroom modular panel system, with controlling all relavant parameters like air purity, airfow, temerature, humidity, etc. Our cleanroom system is made according to EU GMP and ISO 14644 requirements.

Icon legend:



Standard thickness 42. 62. or 82 mm



EC fan



Coating thicknes



Rockwool core



Metal sheet/glas thickness



Aluminium honey comb core



galvanized steel shee



Other dimension on request



Panel made out of aluminum sheet



Walkable ceiling



Panel made out of



Non-walkable ceiling



Panel made out of 304/31



Polished surface



Glass pane



Satin curface



PVC coating



emnered glass



PET coating



Laminated glass



Standard 9010 RAL coloi



Laminated + tempered glass



Other RAL colors or request



Anodized aluminium



and/or max. dimension in one piece



137 Sommit fire resistance



Antibacterial silee



rial THERMAX SF 750



Removable protective film



Cooling option

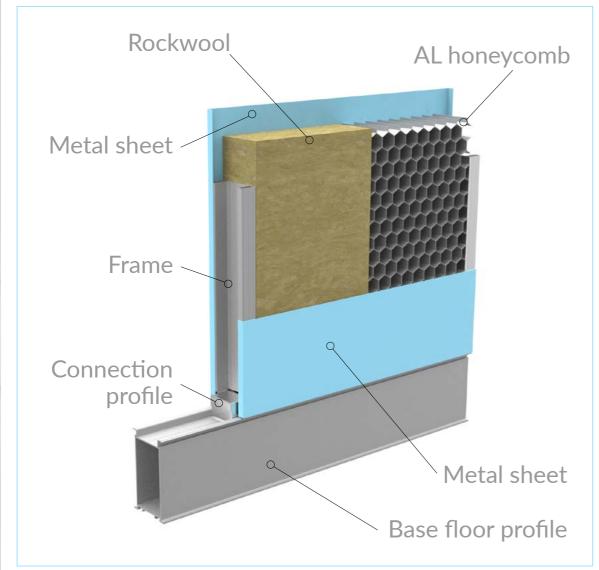


Prefilter option



EPA filter





Panel system

Panel is filled with high density rockwool 100 kg/m³ or aluminum honeycomb. The frame is channel shaped and it covers panel's interior totally. The whole entity represents solid monoblock element. Panels are made according to the EU GMP and ISO 14644 requirements.



Dimensions:



Galvanized steel sheet





Or



Or



Aluminum sheet:





Options:



Stainless steel sheet

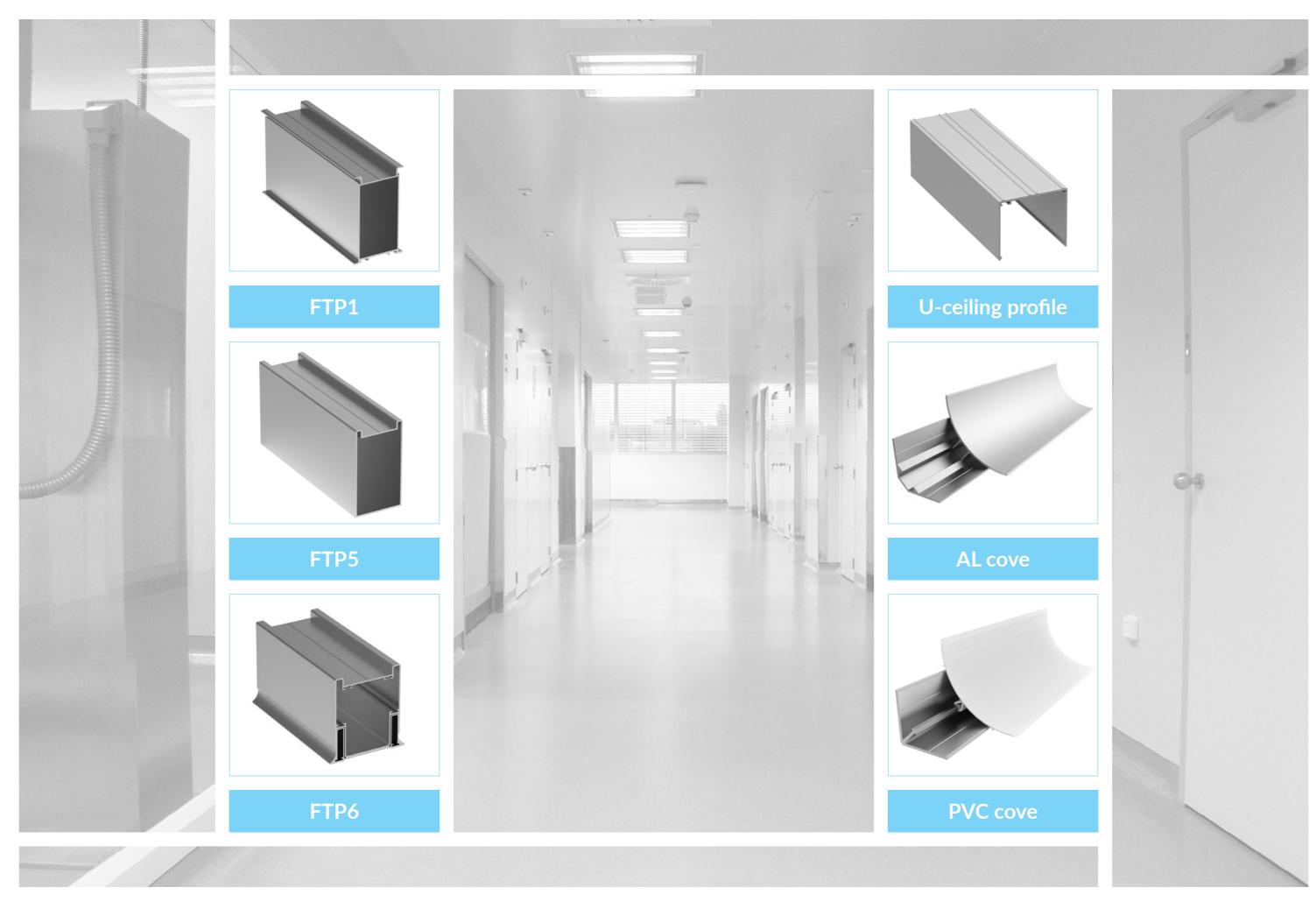


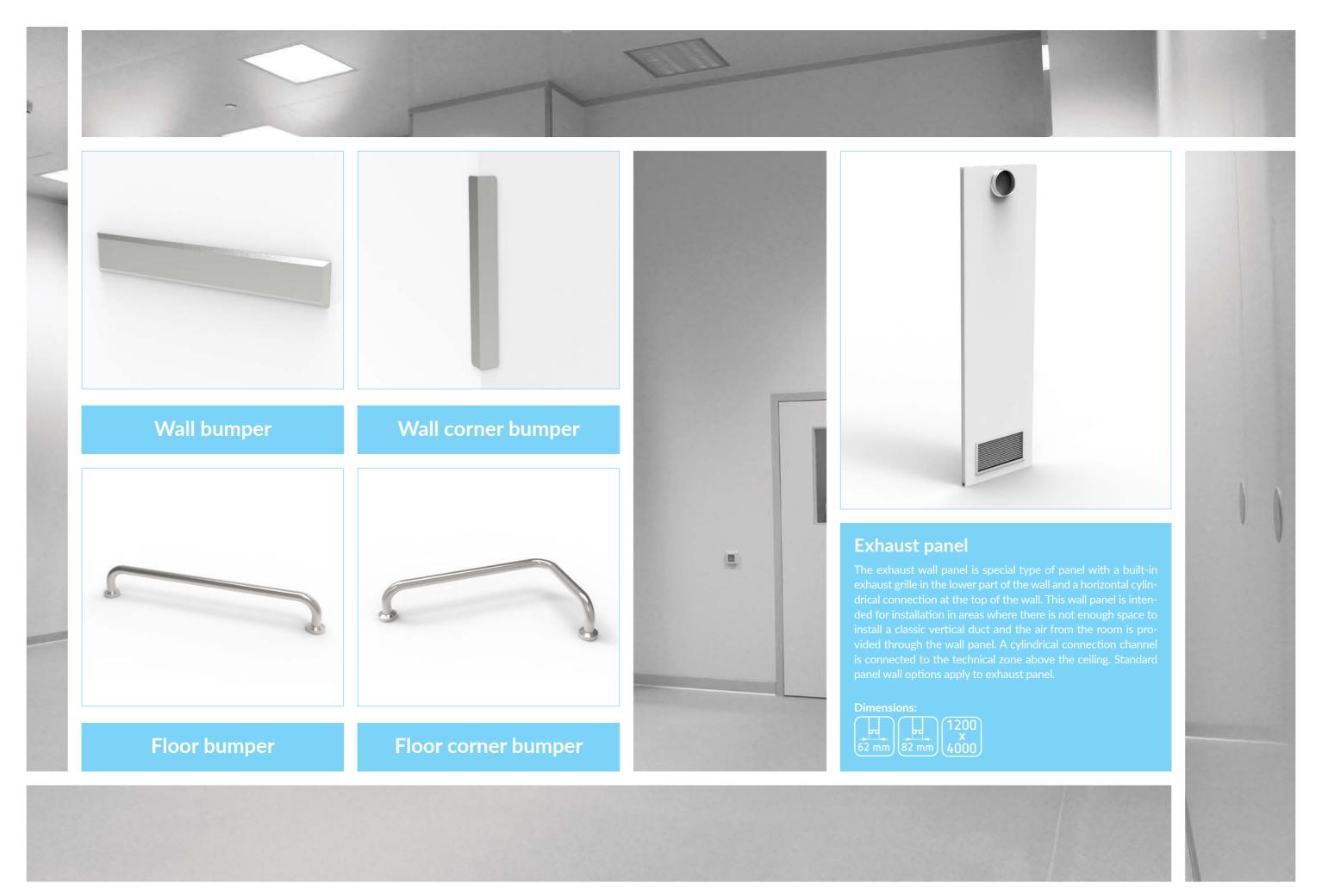
Options:



Additional options

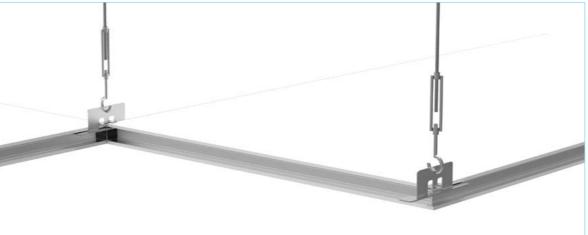












New ceiling grid design!

- Fully integrated lights and HVAC diffusers
- Joints sealed with FDA approved silicone sealant 2-3 mm
- Easy installation without the need for special tools
- Standardized parts allowing quick installation
- Individual tiles can be swapped out allowing great flexibility
- Cable integration with full two-way routing
- Easy accessibility for future re-work or maintenance
- Can be installed fully independent of walls
- Customizable open sizes available for a wide range of lights & grilles available on market
- Completely flat bottom surface
- 1,5 mm thick main profiles and top plate with polyvinylchloride powder coated finish
- 1.25 mm thick bottom plate
- 2.5 kN/m² walk on capacity

Thickness:





Grid dimensions:



Ceiling filter box with diffuser Cleanroom LED lamp

Ceiling system

Cleanroom ceiling panel consists of two metal sheets, folded all around the edges of metal frame Panel is filled with high density rockwool 100 kg/m³ or aluminum honeycomb. The frame is channe shaped and it covers panel's interior totally. The whole entity represents solid monoblock element The load capacity for walkable panels is 200 kg/m². It is supposed to be fixed onto steel grid or concrete structure. Ceiling panels are made according to the EU GMP and ISO 14644 requirements.

Dimensions:





Galvanized steel shee





Ontions





Aluminum sheet:





Options



Stainless steel sheet:

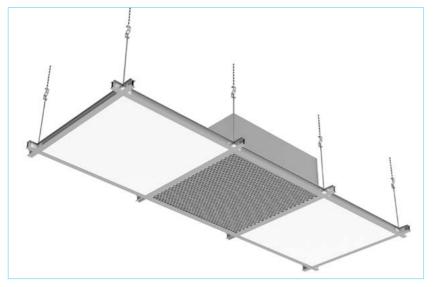


Options:



Additional options









FFU











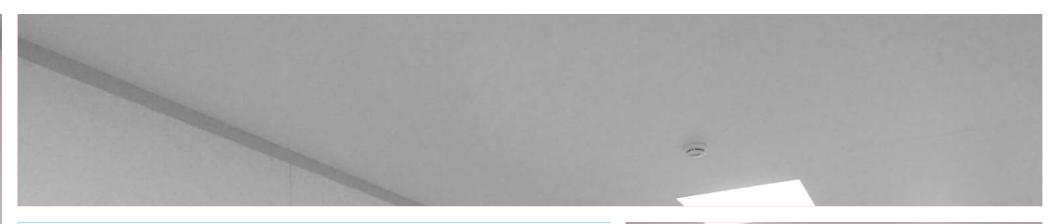
Ceiling grid system



Grid dimensions

900 x 1200 900 x 2400 1200 1200 x 2400 1200 2400







LUMINUS-CR-3

Cleanroom LED lamp for installation in cleanroom ceiling panels. Made from powder coated aluminum profiles and steel cover with LED light source.





Feature

- Compact housing
- Easy installation
- Fasy service from above
- Low thickness (<2 mm) and rounded profile visible from clean room space
- Frame profile compatible with profile of filter ceiling box
- IP 65 grade water protection
- Designed for panel thickness 40-82 mm

Technical information:

- Dimensions: 672 x 672 mm
- Mounting hole: 660 x 660 mm
- Power: 42.5 W
- Luminaire luminous flux: 646
- Luminaire emciancy: 152 im/ vv
- Input voltage: 230 V / 50 Hz
- Color temperature: 4000 K
- Supply unit: Integrated in the housing
- Options: Standard, DALI, Emergency (Integrated and Central)

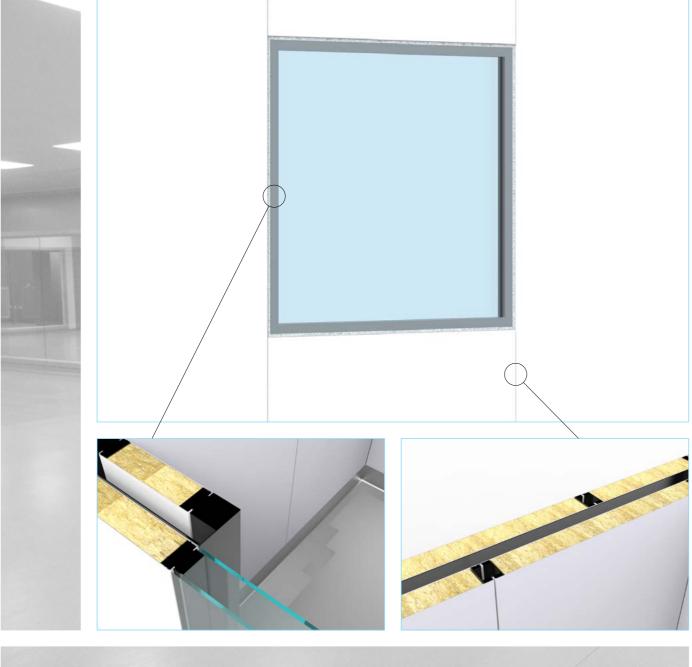
Materials:



ertificates:









Lead panel system

Cleanroom panel system with integrated lead sheets (0.5-3.0 mm thick).

It comes in three combinations

- glued to the panel wall
- a double panel wall, on one of which a lead plate is attached
- glued to the existing construction wall in front of which is a panel wall

Dimensions





Lead sheet:



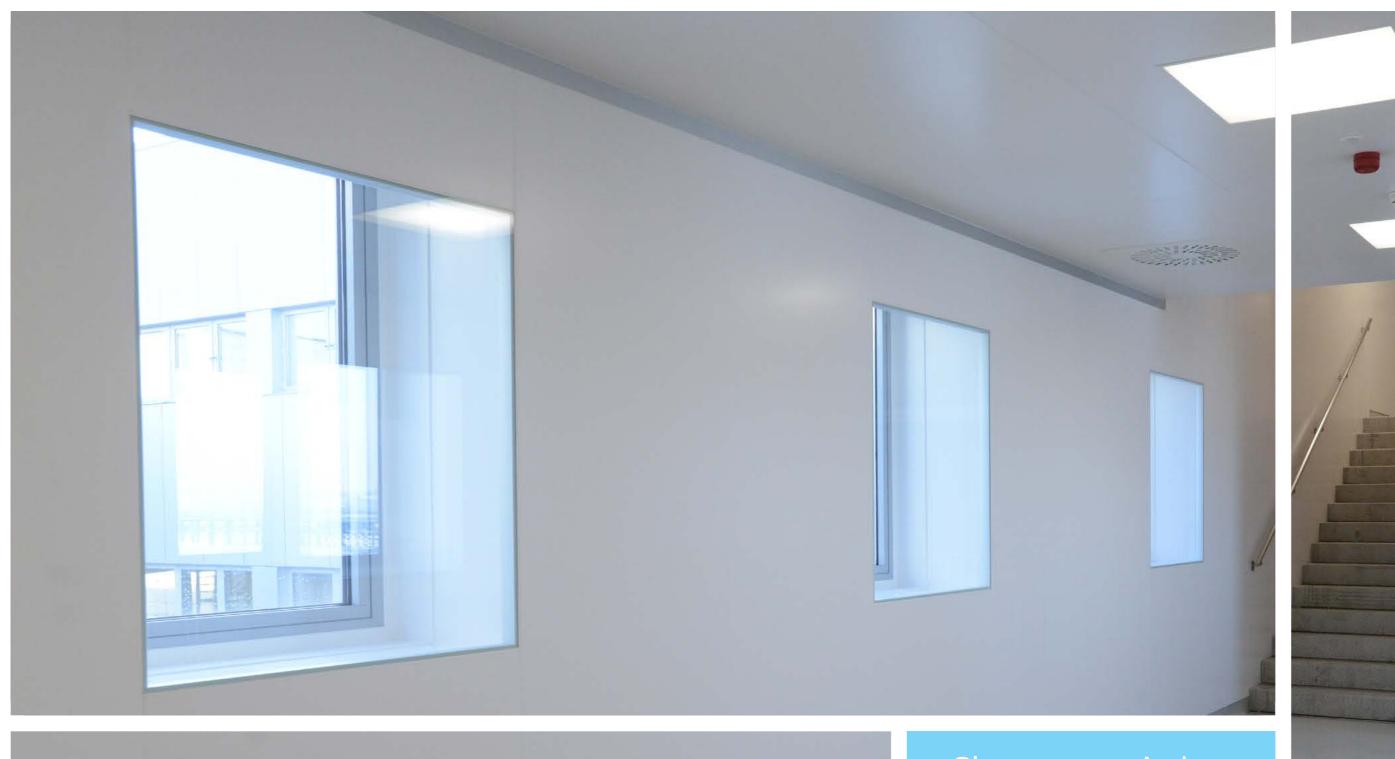


Options:

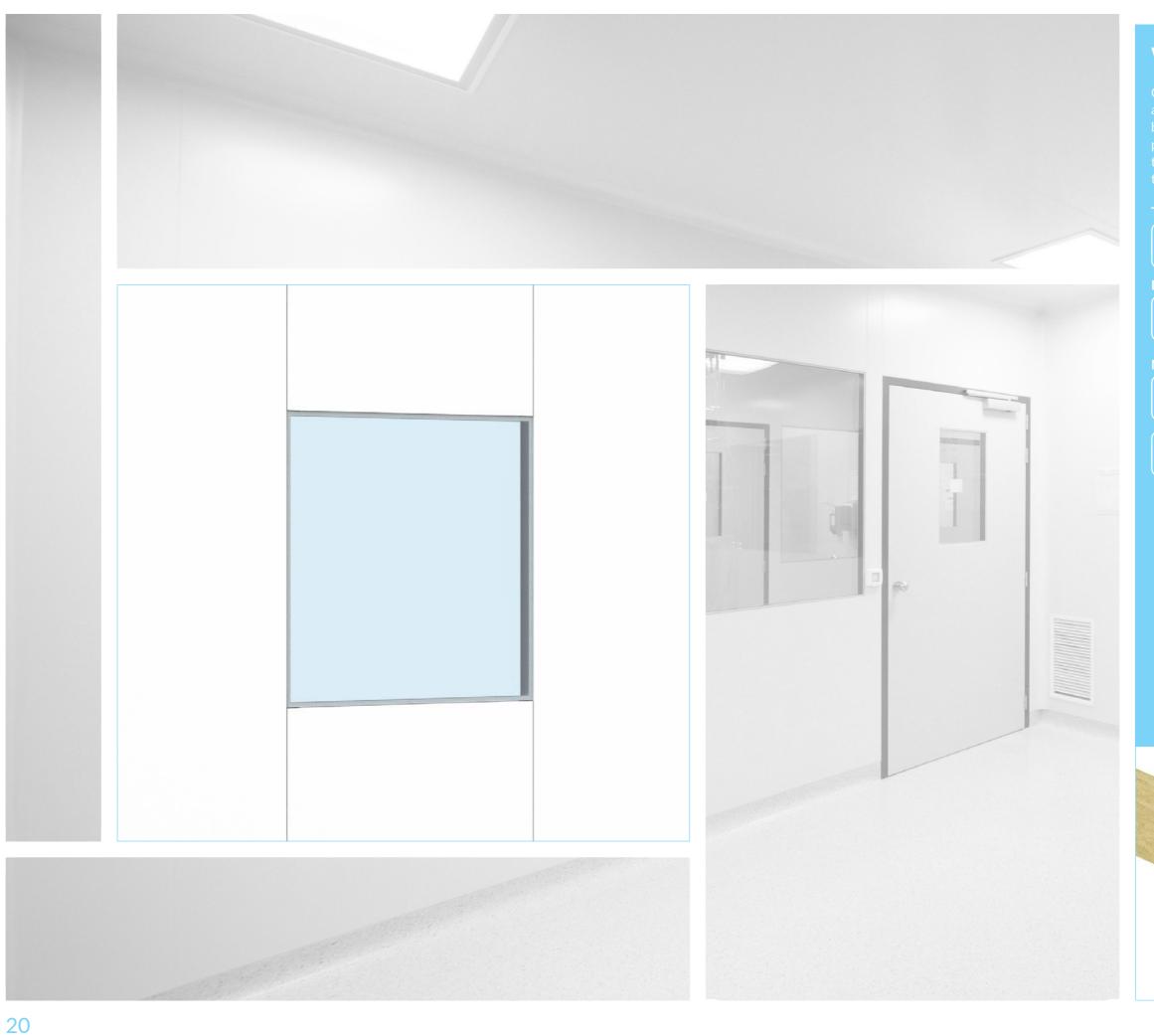












Windows





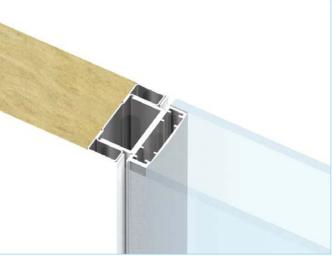














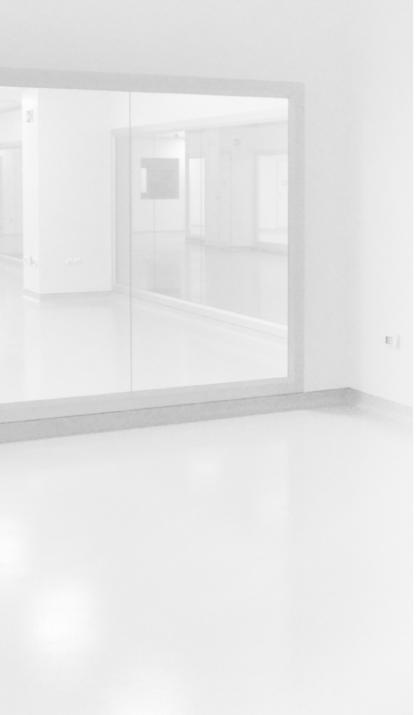












Glass wall system





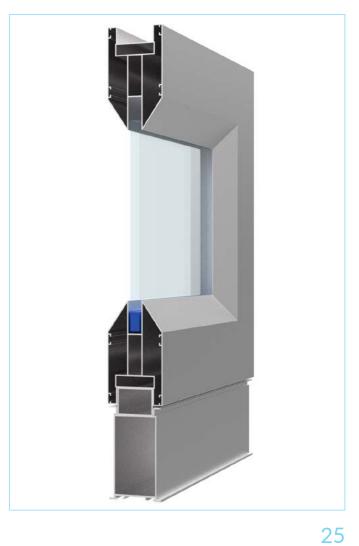








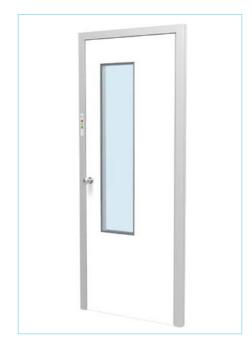












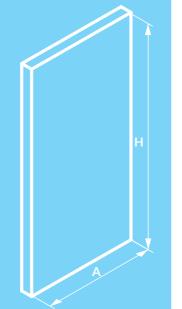


Sliding doors



	Lenght (mm) A	Height (mm) H
One leaf	800-1400	2200
Two leaf	1300-2600	2200





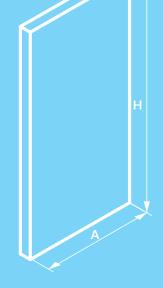
Swing doors





	Lenght (mm) A	Height (mm) H
One leaf	800-1300	2200
Two leaf	1300-2600	2200





























Automatic

Ball handle

D-handle

Panic push bar

Push plate





References















































References













