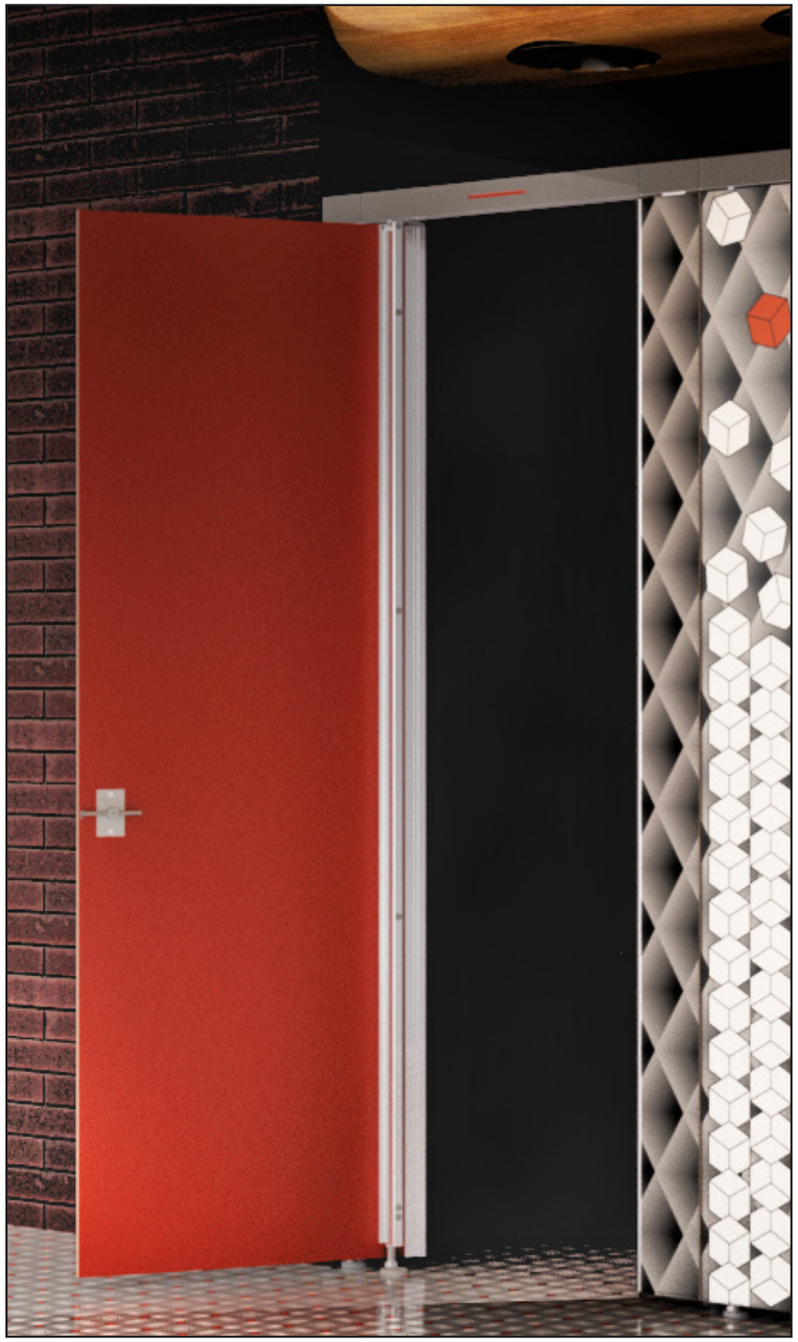
IMPERIAL GLASS

FULL HEIGHT GLASS PARTITION BOX

STANDARD



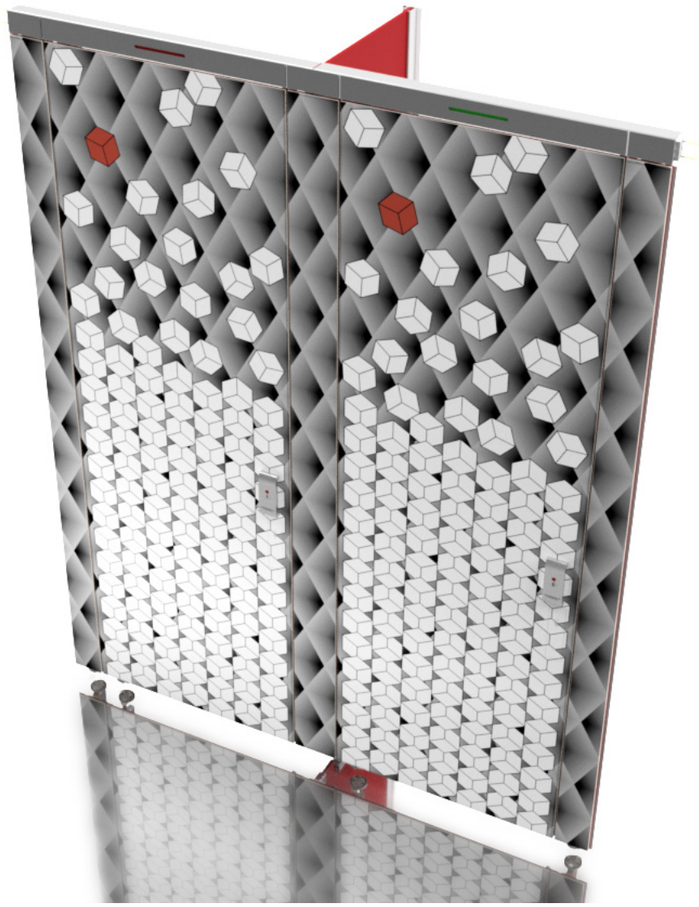
Rev02.20

TECHNICAL DESCRIPTION

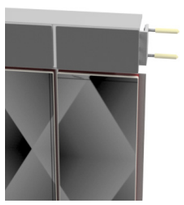
Imperial Glass self-supporting floor-to-ceiling partition walls are a minimalist autonomous solution, the hardware and accessories are designed, tested and produced for use in high-traffic toilets.
It is a combined solution of technological craftsmanship that makes use of the hygienic characteristics of glass, the impact of colors and the liveliness of light through the simplicity of the design and that allows you to manage each space creatively with a unique visual perspective.
For the realization of Imperial Glass we use water-based RAL colors coupled with hot melt polyurethane resin and one to connect the glass panels together and to support elements in resistant anodized aluminum alloy 60/60 alloy easy to recycle ensuring maximum safety and respect for the environment.
All hardware, stabilizer bars and accessories are designed, tested and manufactured for use in highly frequented toilet areas.

SOEMA®
Handcrafted Technology
Handcrafted in Italy

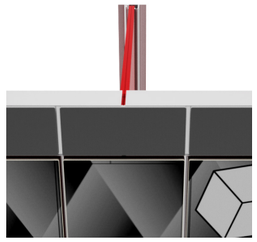
IMPERIAL - External view



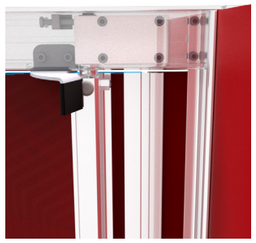
Frontal/wall fixing (B).



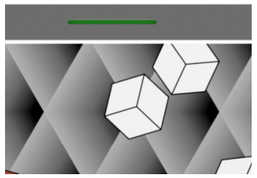
Frontal part/partition fastening (F)



Standard door hinge (H)

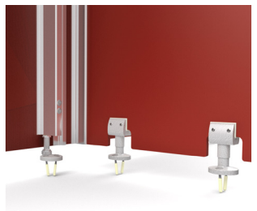


Free/busy led (optional)



Lever-lock (external view G)

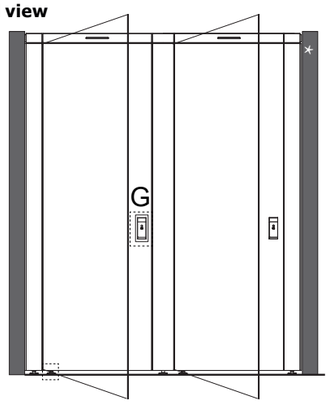
Foot/floor fastening (C)



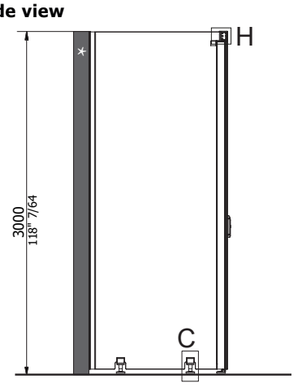
*The structure that will house the installation of the box, if necessary, must be adequately reinforced.

Technical Drawings (mm / inch)

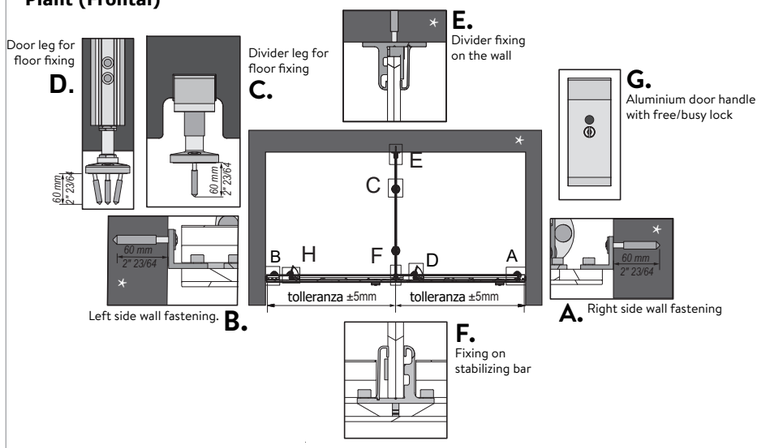
Frontal view



Side view



Plant (Frontal)



General features

- Partition walls in extra clear, tempered, painted glass, can also be made to measure from floor to ceiling, maximum height 3000mm.

Technical features

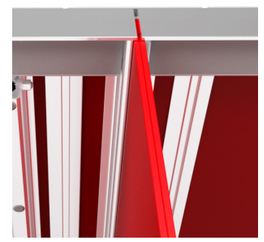
- Autonomous structure made with sturdy aluminum profiles, entirely designed and produced specifically by Soema for the realization of the IMPERIAL project.
- Continuous external façade, completely flat without any visible fixing elements or support.
- Fixing profiles and feet in anodized aluminum alloy 6060T5, feet height 30mm.
- Partitions made of 6 + 6 thick extra clear tempered glass, back painted and coupled with hot melt polyurethane resin.
- Doors and walls of the front facade in extra-clear glass thickness 8 + 5mm tempered, back painted, coupled with hot melt polyurethane resin.
- Self-closing doors with oil hinge produced by Soema with closing speed adjustment, rotation stop in external opening at 110 °, ergonomic round aluminum handle, with free / busy indicator, internal closure with vandal-proof lever in AISI 316 stainless steel and emergency opening, door always open beyond 90 °.
- Upper link “chain” in aluminum with cover casing visible only from the inside.
- Coloring of the two internal faces of the laminated glass with water-based paints chosen from the RAL range.
- Preparation of the box partitions for the assembly of accessories with special invisible bushings inserted in the thickness of the glass, not passing through.
- Possibility of creating front walls with doors on existing masonry / plasterboard partitions.
- Profiles and hardware: Silver anodized.
- RAL glass color of your choice

Optional:

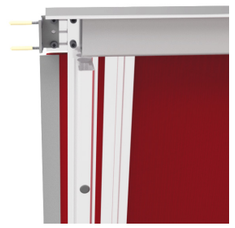
- Titanium anodised or RAL painted profiles with epoxy powder paints.
- Panel finishes: RAL glass color of your choice, possibility of differentiating internal color from external one and customization with digitized graphics.
- Ground profiles that can be installed under the partitions in the case of shower enclosures.
- Remotely visible LED free/busy indicator built into the lock, powered by battery (approximately 3 years life): box free=led off/box occupied=red led flashing.
- Free / busy LED indicator visible from a distance. A light strip is inserted above the door and changes color from green to red when the door is locked.
- Titanium anodised or RAL painted profiles with epoxy powder paints.
- Pictograms on the doors inserted before the glass is coupled.

IMPERIAL - Internal view

Frontal part/partition fastening (F)



Frontal part/wall fastening (B)



Partition/wall fastening (E)

Lever-lock (internal view G)

**For opening directions, refer to the product catalogue