

MB-78EI





SYSTEM  
SILICONE JOINED FIRE-  
RATED GLAZED WALLS,  
CLASSES **EI30** & **EI60**

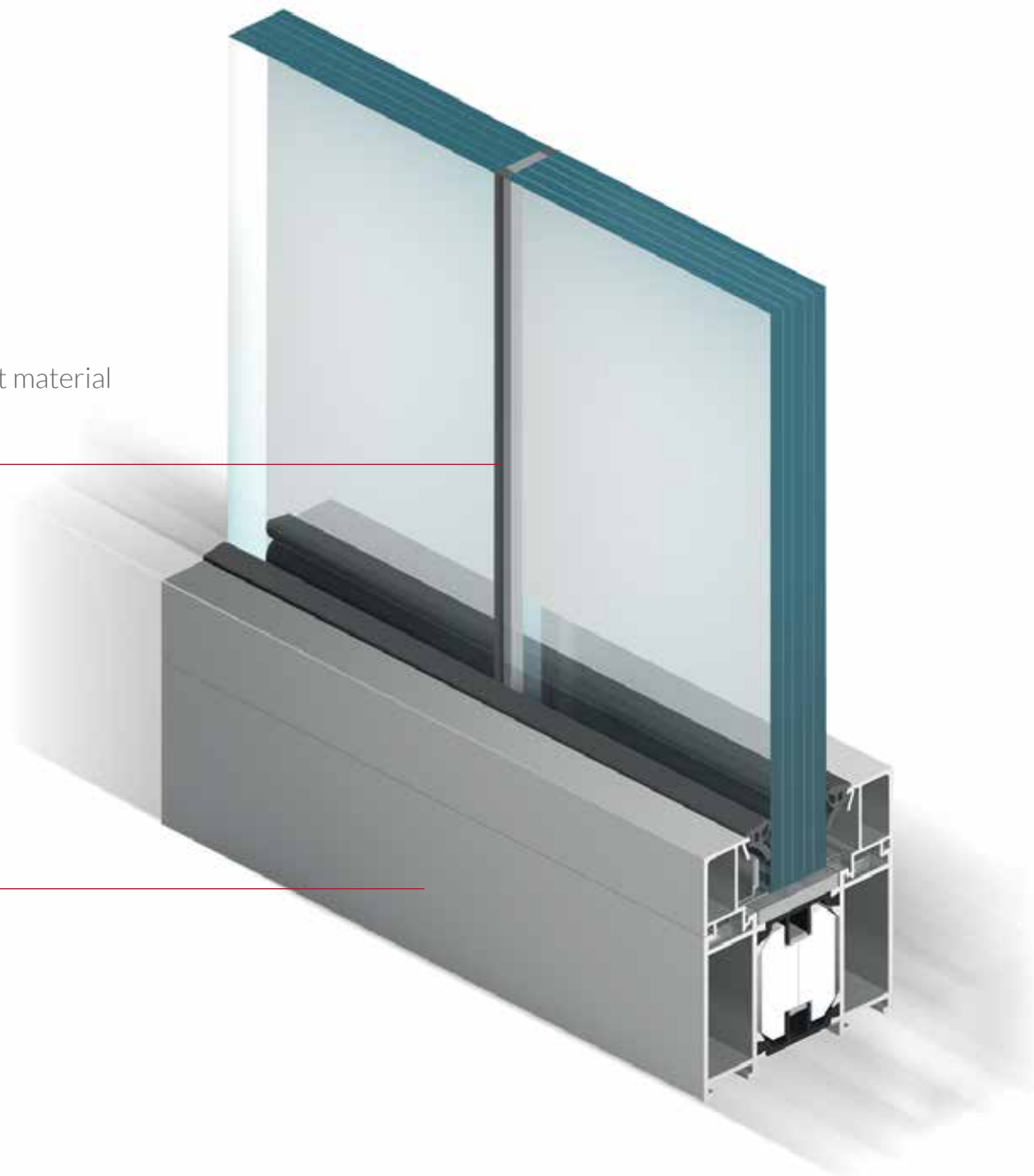
MAKE THE SPACE LOOK OPTICALLY BIGGER


# MB-78EI

## PARTITION WALLING SYSTEMS

4 mm-thick joint.  
Infill made of fire stop intumescent material  
and non-flammable silicone.

Fire resistance classes  
EI30 & EI60.






Aluprof offers **MB-78EI** system-based transparent fire-rated wall solution – **“Silicone joined fire-rated glazed walls”**.

It enables fabrication of internal partitions walls without the visible vertical wall profiles that separate the individual modules of the wall, while preserving its full fire resistance. The joint between the glass panes is only 4 mm, and is filled with firestop, intumescent material and with non-inflammable silicone. The silicone is available in three colours (black, grey or white).

Partition walls can thus have a height of more than 3.6 m with modules' width up to 1.8 m. Fire tests performed by the Poland's Building Research Institute (ITB) on these partition walls included the so-called “free-edge model”, so there is no limit on the maximum length of this type of walls.



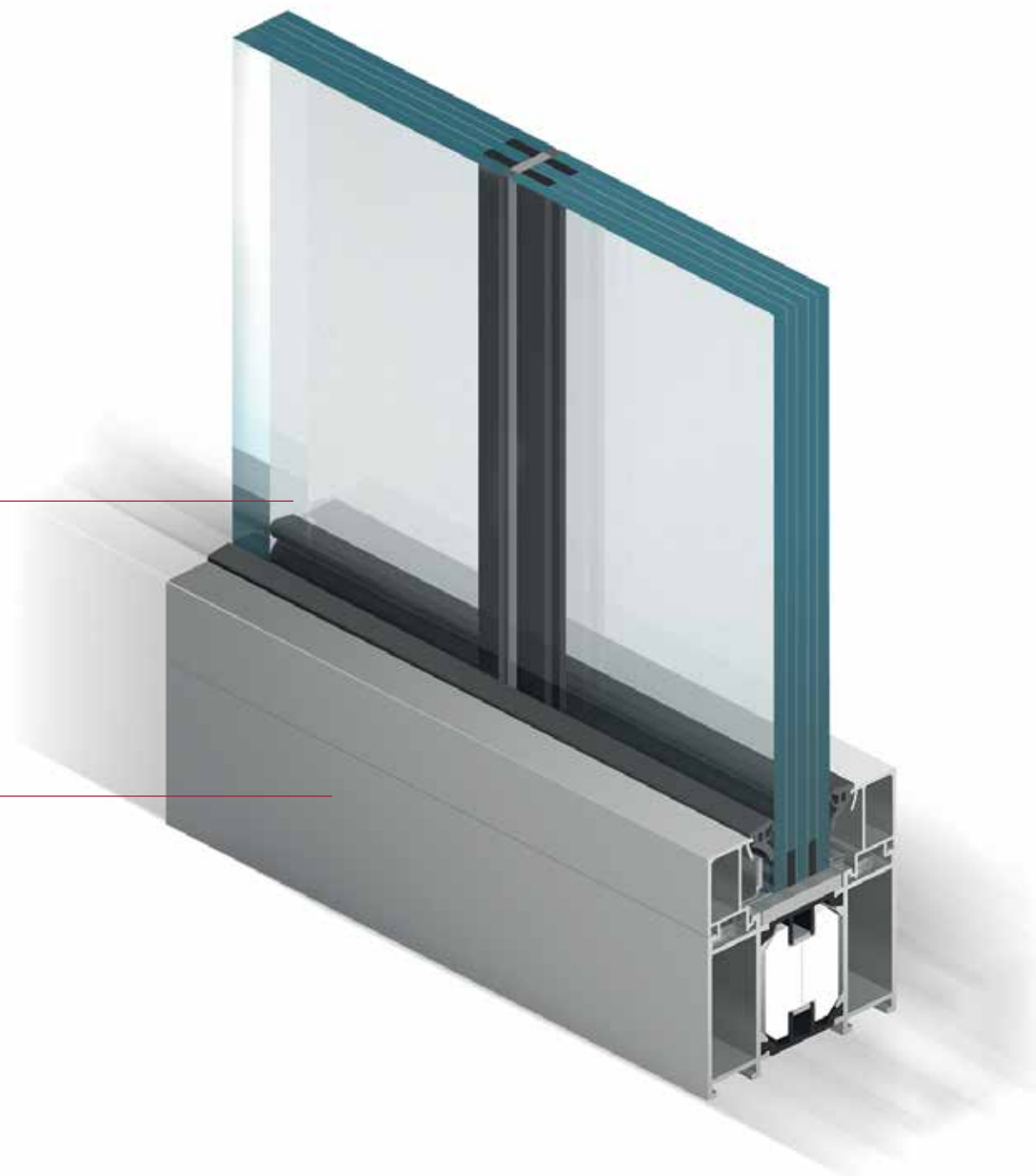
**MB-78EI Silicone joined glazed wall system** brings you virtually unlimited design and construction possibilities, offering very large internal partition walling products. Thanks to the transparent modules, all the constructions fabricated using this system make your interiors optically bigger. The system also provides security by allowing the arrangement of the building's fire zones and this ensuring appropriate conditions for the evacuation of building occupants.

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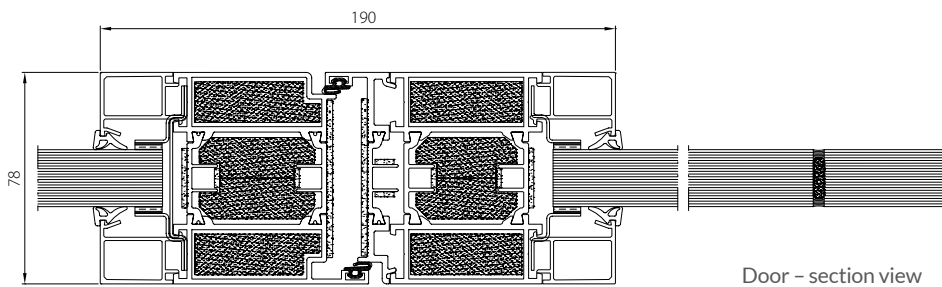
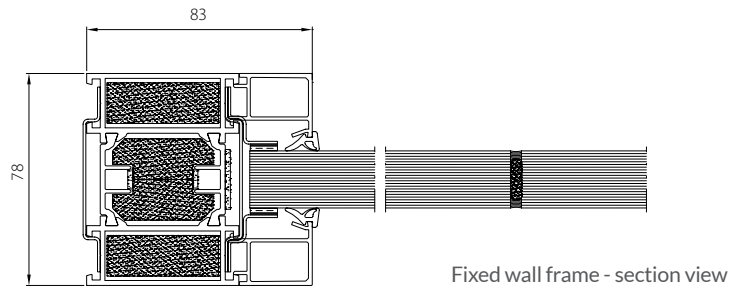
## PARTITION WALLING SYSTEMS

Transparent modules  
up to 3.6 m high.

Fire resistance classes  
EI30 & EI60.



## SILICONE JOINED FIRE-RATED GLAZED WALLS MB-78EI



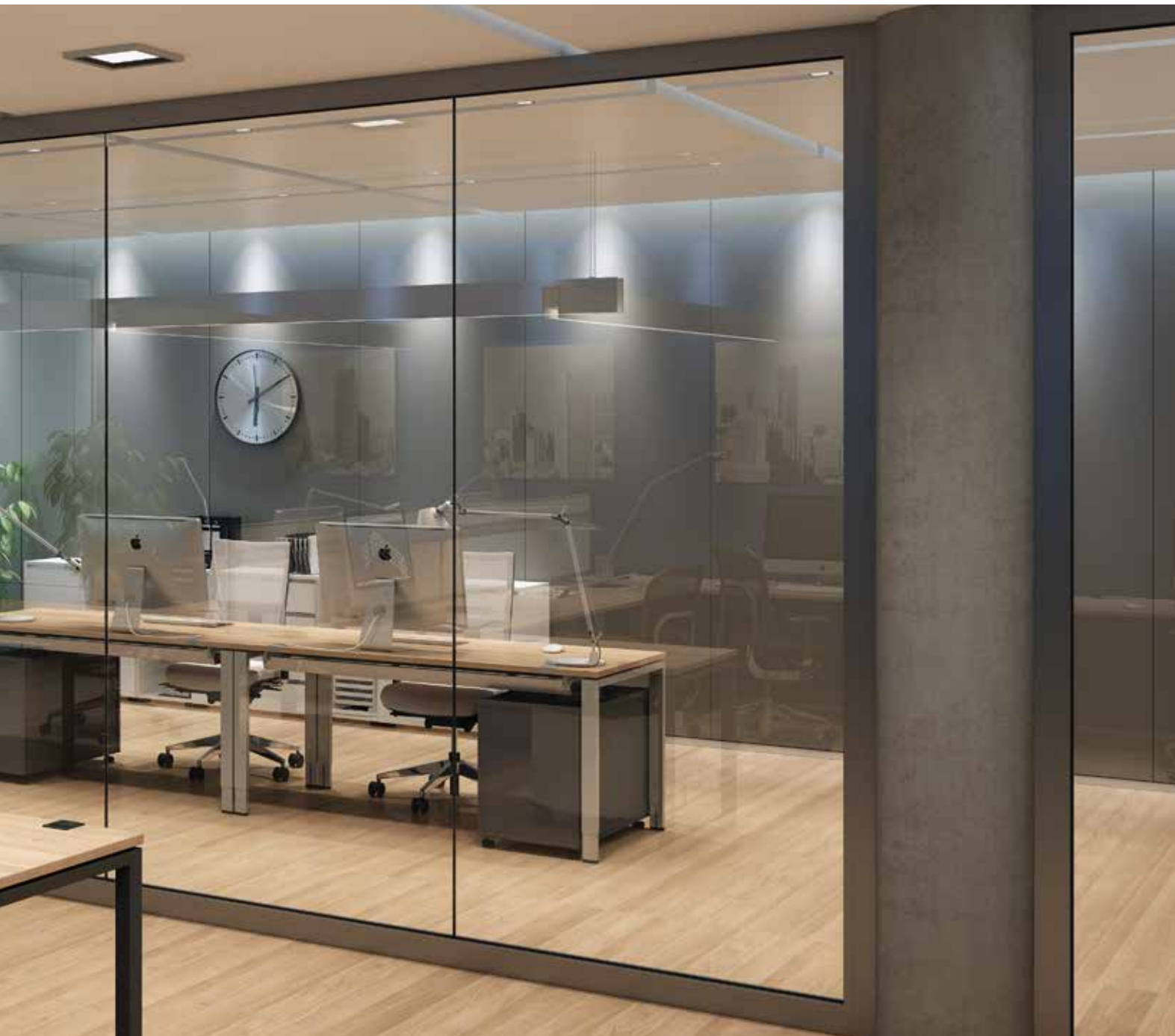
### FEATURES AND BENEFITS

- Aluprof's solution has been designed and then tested at the ITB in two fire-rating classes: EI30 & EI60
- joint width between the modules is only 4 mm
- max. width of glass modules: 1.5 m (H max 3.6 m) and 1.8 m (H max 3.0 mm)
- unlimited width of a single wall



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FIRE-PROTECTED OFFICE SPACES



# MB-78EI

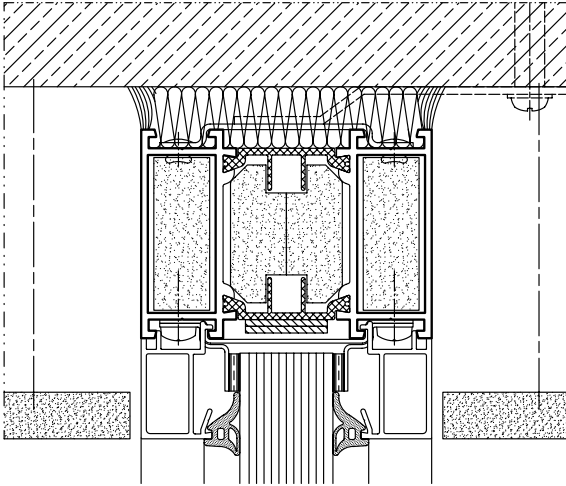
## PARTITION WALLING SYSTEMS

The office is optically bigger thanks to the concealed wall mounting - modules of a width up to 1.8 m.

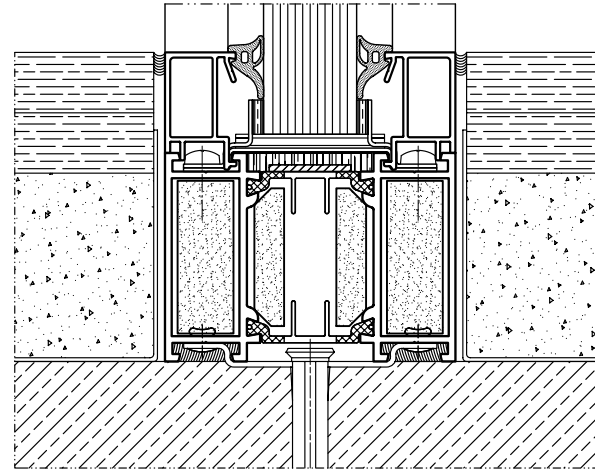
Available for fire resistance classes  
EI30 & EI60.



## SILICONE JOINED FIRE-RATED GLAZED WALLS MB-78EI



Silicone joined glazed wall – top



Silicone joined glazed wall – bottom

### FEATURES AND BENEFITS

- available in two fire protection classes: E130 & E160
- joint width between the modules is only 4 mm
- max. width of glass modules: 1.5 m (H max 3.6 m) and 1.8 m (H max 3.0 mm)
- unlimited width of a single wall



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SYSTEM  
SILICONE JOINED FIRE-  
RATED GLAZED WALLS,  
CLASSES **EI30** & **EI60**

ELEGANCE & SAFETY