

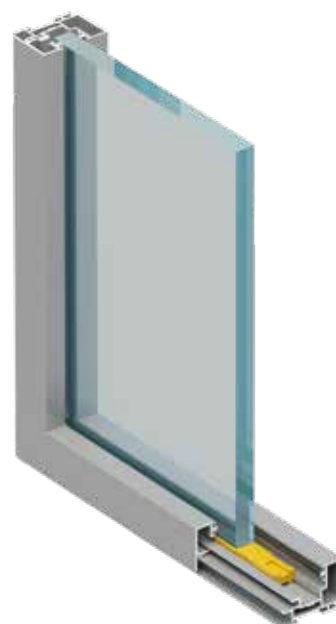


LET'S BUILD A BETTER FUTURE

## Interior glass partition system **MB-HARMONY**

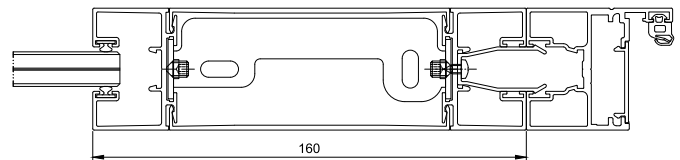
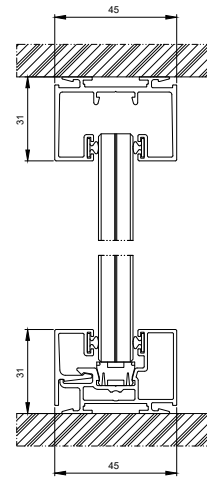
The MB-HARMONY is a single-glazed system which is part of the MB-HARMONY OFFICE glass partition series. Geometrically light and easy to assemble, it requires no special construction tools. It is designed to be combined with tempered glass or with 10-12 mm acoustic glass. The system is ideal for typical office spaces, even those with acoustic requirements above the norms.

Our MB-HARMONY OFFICE is a new range of products for the construction of interior glass partitions. It was conceived to create an easily prefabricated and quickly installed system that delivers durable, contemporary and spacious designs with guaranteed performance and user comfort.

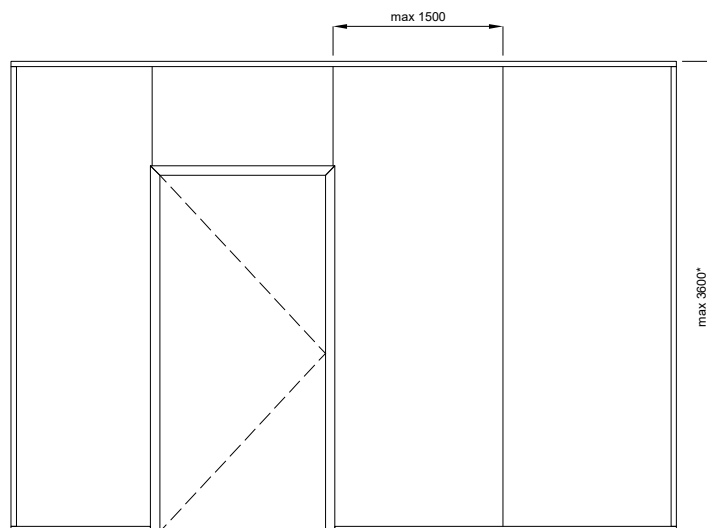


# INTERIOR GLASS PARTITION SYSTEM / MB-HARMONY

## MB-HARMONY



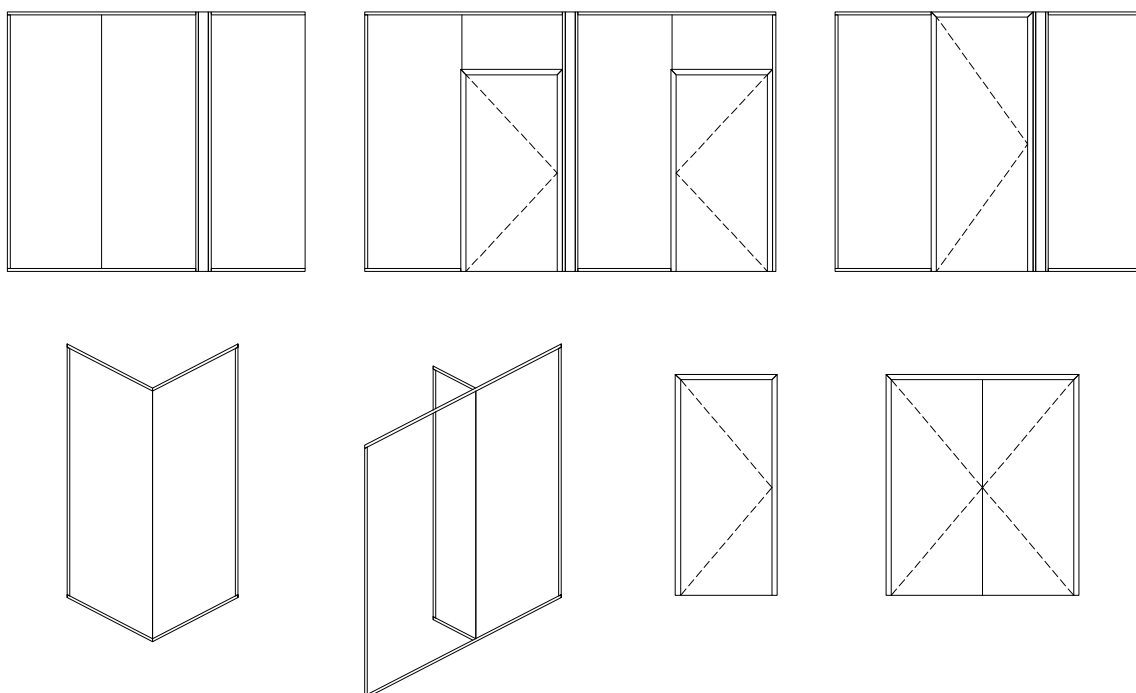
## MB-HARMONY



\* - for glass types ESG 12, VSG 66.1, VSG 66.2 and VSG 66.2 with acoustic film

SPECIFICATIONS	MB-HARMONY OFFICE
Glazing	ESG 10, ESG12, VSG 55.1, VSG 55.2, VSG 66.1, VSG 66.2 VSG 55.2 with acoustic foil, VSG 66.2 with acoustic foil
Acoustic insulation	$R_w$ of 39 Db max. / $RA_1$ of 38 dB max.
Use category	IVb
Room category	A, B, C1-C5, D
Height	3200 / 3600 mm*
Finishing	anodised, RAL colours, ADEC wood and concrete colours

## EXAMPLE SOLUTIONS





## IMPORTANT FEATURES

- the structurally light profiles are only 31 mm high
- the entire system consists of just a few basic elements
- the connectors and accessories have been reduced to a minimum
- the system is simple to prefabricate and to install, that can be done on site
- the unique installation panel is built using base profiles
- acrylic joints by walls are unnecessary
- hardware and accessories are mainly installed without machining, which has been limited to no more than a few instances
- the required machining can be carried out using portable tools
- the concealed glazing gaskets are inserted before the profiles are installed
- the stability and reliability of the structure has been confirmed by tests
- frame doors with 35 and 45 mm leaves, single glazed, at a thickness of 5 to 13 mm, and double-glazed, at 25 to 35 mm
- the universal frame is suitable for all types of doors

## Acoustic insulation

GLASS	R <sub>w</sub> (dB)	C (dB)	RA <sub>1</sub> (dB)
VSG 66.2 Acoustic	39	(-1)	38
VSG 55.2 Acoustic	38	(-1)	37
VSG 66.2	36	(-2)	34
VSG 55.2	35	(-2)	33
VSG 66.1	35	(-2)	33
VSG 55.1	34	(-2)	32
ESG12	33	(-2)	31
ESG10	32	(-2)	30

The exceptional acoustic properties of the MB-HARMONY have been confirmed during detailed tests conducted at the research laboratory of the Maritime Advanced Research Centre in Gdansk.