

Vertical & Horizontal Blind (modular walls)

Product Data Sheet (PDS)

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1. Product Characteristics

→ **Modular Walls** with Horizontal Blind (HB) and Vertical Blind (VB) are products made of MDF lamellas coated with decorative foil. Metal screws and furniture connectors are used to join the structural elements of the partitions. A single plastic pull rod enables simultaneous adjustment of all louvers.

2. Material Composition

MDF slats wrapped in pre-impregnated foil; hot-melt adhesive (decorative foil bonding agent); PETG plastic pull rod; metal screws; furniture connectors

3. Technical Parameters

Common parameters:

• tolerance of lamella length [mm]	±1.0
• tolerance of lamella thickness [mm]	+0.5/-0.0
• tolerance of lamella width [mm]	+0.5/-0.0
• density of the MDF board used for producing lamellas [kg/m³]	600-800
• perpendicular cutting tolerance [°]	±0.5
• product thermal resistance [°C]	max 50

→ [Technical Drawing HB](#)

→ [Technical Drawing VB](#)

→ [Technical Drawing VB2500](#)

4. Application/Functionality

interior decoration; room partitioning / zoning within an open-plan area; increased sense of privacy in the separated areas

5. Assembly Method:

before assembly, read the safety instructions [8]; assemble in accordance with the Assembly Manual

→ [Assembly Manual HB](#)

→ [Assembly Manual VB](#)

→ [Assembly Manual VB2500](#)

6. Storage and Transportation

store in original, undamaged packaging, exclusively in dry and covered areas (max. temperature: 50°C; maximum humidity: 60%), in a horizontal position on flat, even surfaces to prevent bending and deformation; avoid using chemical cleaning agents

7. Usage Recommendations

do not use chemical agents to remove dirt or stains; intended for indoor use only; protect from moisture and temperatures exceeding 50°C; when securing the product (e.g. during renovation or painting), use only standard painter's tape, which should be removed within 24 hours

The information provided in this Product Data Sheet (PDS) aims to ensure the correct use of the product, but it does not form the basis for the manufacturer's legal liability, as construction conditions remain beyond their control. Mixpol Profile reserves the right to change the content in subsequent editions of the PDS without prior notification to recipients. The manufacturer also reserves the full right to modify their products as part of their technological development.

8. Safety Instructions

this product is not a toy; it contains moving parts which can pose a hazard, especially to small children; assembly should be carried out only by adults or under adult supervision; **caution:** the product contains small parts (mounting screws) that may pose a choking hazard and may have sharp edges or corners; during assembly and use, general health and safety guidelines must be observed

9. Interaction with Other Products

not applicable

10. Impact of Other Products on the Item

not applicable

11. Related Documents

→ [Brochure](#)

12. Additional information

MDF is hygroscopic, which may cause the material to expand in response to moisture. The material is prone to warping, resulting in deviations from straightness. These natural material characteristics are not considered product defects. Formaldehyde emission: Class E05, E1.

The products covered by this PDS comply with European Regulation **REACH No. 1907/2006** and do not contain substances listed as SVHC (Substances of Very High Concern) candidates; the products **are not construction products** and are not subject to the **Directive 305/2011**.