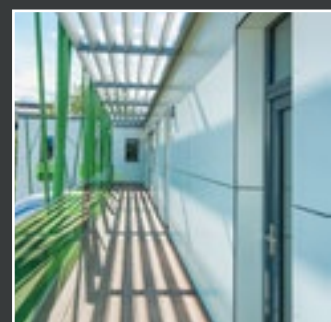


# GUTMANN MIRA therm 08



Day-Care Center for Children | Wittlich



**WOOD-ALUMINIUM**  
WINDOW SYSTEM

## SYSTEM DESCRIPTION

The system is assembled on the standard MIRA wood cross section.

- › Very good thermal insulation technical properties.
- › In combination with a triple-glazed pane ( $U_g = 0.7 \text{ W/m}^2\text{K}$ ) and a 68 mm or 78 mm wood cross section (fir frame material) that only requires addition of an insulating core in the frame, the further development of the MIRA therm 08 is passive house certified.
- › The structure is based on the principle of a rear-ventilated attachment shell secured by a PVC bracket.
- › The thermally insulated MIRA therm 08 system profiles may be ordered in production lengths (6,000 mm) or as frames with welded or punched corner connections.

## SYSTEM PROPERTIES OF CLASSES

 Water tightness <b>9A</b>	 Wind load <b>C2/B3</b>
 Air permeability <b>4</b>	 Impact resistance <b>4</b>

Test sample: Double-sashed tilt & turn window with operable center section (2,200 mm x 2,200 mm)  
Test report 102 38329/1

## THERMAL INSULATION



<sup>1</sup> Element size: 1,230 x 1,480 mm | Wood species: Spruce | Wood thickness: 68 mm |  $U_g$  value:  $0.6 \text{ W/m}^2\text{K}$  | Glass spacer: Swisspacer Ultimate

## SYSTEM CROSS SECTION

