

Wood-Aluminium Systems
GUTMANN TWINLOC



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The quantum leap in connection technology

The GUTMANN TWINLOC was conceived for the connection of mullions and transoms in vertical curtain walls and purlins and rafters in wood roof structures with wood face widths of 50 mm to 80 mm. In Germany, connectors of this kind may only be used if their loading capacity can be determined by means of unambiguous mathematical verification.

GUTMANN TWINLOC connectors meet the full scope of building supervisory approval requirements for mullion-transom and purlin-rafter connections (allgemeine bauaufsichtliche Zulassung Z-9.1-682).

GUTMANN thus provides the wood construction contractor, even in the field of lightweight winter-garden wood roof construction, the security of an approval of the type required for loadbearing components in winter garden roofs.

The easy handling is an additional benefit. Until now, common connectors consisted of numerous individual parts and different materials. The development by GUTMANN simply consists of one basic shape. The two individual pieces are then engaged face-to-face with each other.

► System Description

- Easy installation: lateral mounting or insertion of the transom from behind
- Fast connection: center connection screw blocks in all three dimensions
- Versatile: various connector lengths are available for different transom thicknesses
- Easy assembly with drilling and sawing template
- Precise installation: depth stop using transom milling
- Perfect appearance: concealed installation on three sides
- Tight joints thanks to closure with only one tool over the entire connector length
- Easy assembly: two identical connector parts
- Same construction for single and double connection
- Embossed ribs prevent turning under eccentric glass load
- Guaranteed stability

► Maximum Glass Loads for Vertical Curtain Wall

→ Max. glass weight¹: 326 kg

¹ For two standard model connectors

► Permissible Stress on Vertical Curtain Wall

→ Air permeability¹: 8.12 Kn

→ Tensile load¹: 5.89 Kn

¹ For one connector

