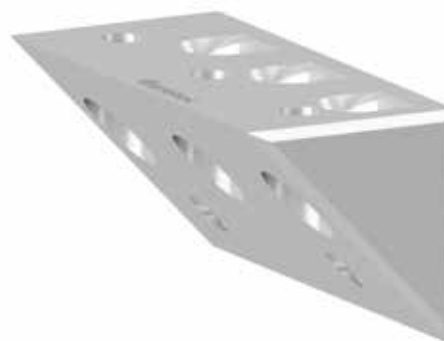


Product data sheet – EckTec

Product description

The EckTec connector can replace the conventional brace. This allows a better look without disruptive braces, especially at low installation heights.



Material

- EN-AW 6063-T66 (AlMgSi0,5)

Advantages

- Supports load absorption with horizontal forces
- Pre-assembly at the factory optional
- Many different areas of use

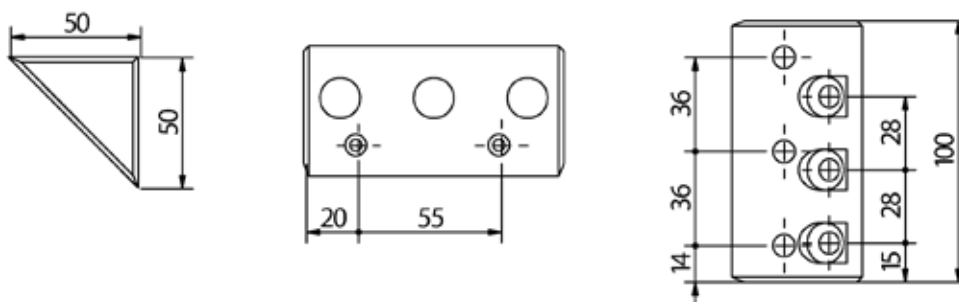
Product table

EckTec		
Art. no.	Dimensions [mm] ^{a)}	PU*
975664	50 x 50 x 100	1

a) Width x height x depth

* incl. two Panelwistec countersunk button head blue TX20 4,0 x 40/24 mm, three KonstruX ST countersunk button head blue TX40 8 x 95 mm and three KonstruX ST countersunk button head blue TX40 8 x 155 mm

Drawings



Product data sheet – EckTec

Instructions for use

The EckTec connector is fixed with two 4 x 40 Paneltwistecs. The first KonstruX ST 8 x 155 fully-threaded screws are then set at 25° in the posts. After mounting the cross beam, the other 8 x 95 KonstruX ST fully-threaded screws can be set at 90°. Minimum cross-section of the beam: 120 x 120 mm.

Load capacity

Load capacities EckTec 100	$M_{1,Rd}$ [kNm]	$F_{1,Rd}$ [kN]
Wood - C24, $\rho_k = 350 \text{ kg/m}^3$; $k_{mod} = 1,0$		
Torque	1,39	-
Torque and traction (combined)	0,96	8,4

Further information on static pre-dimensioning can be found in our separate pre-dimensioning sheet.

Note: This document reflects only the results of a preliminary design/dimensioning aid.

Images of applications



Product data sheet – EckTec



If you are not familiar with how this product is used, and particularly with the product's intended use, please contact our Application Technology department (Technik@eurotec.team).