

DECLARATION OF PERFORMANCE

According to Annex III pf Regulation [EU] no. 305/2011

Document-no.:	CE-HV-C10-2407
1. Unique identification code of the product type:	Timber Connectors with pins C10
2. Usage:	Connectors for products made from timber for loadbearing purposes
3. Manufacturer:	BTS Befestigungselemente-Technik GmbH, Max-Planck-Str. 1, 54439 Saarburg
4. System of assessment and verification of constancy of performance:	2+

5. Technical specification & notified bodies:

	Name	Nr.	Evaluation system	Document of reference	EAD [ETAG] No./ EN Standard
Technical evaluation	BTS GmbH Saarburg	-	2+	BTS ITT Report Typ C10	EN 14545:2008
Factory control	Karlsruher institute for Technology (KIT)	0769	2+	0769-CPR-6154	-

6. Declared performances:

Key features	Performance					Technical Specifications	
Area							
Description	Timber connector C10 (two sided)						
Geometry							
Diameter - d _c [mm]	50	65	80	95	115	EN 912:2011	
Mechanical strength and rigidity							
Characteristic load capacity - R _{c,k} [kN]	8,81	13,19	17,99	23,33	31,02	EN 14545 Section 6.1.3; EN 13271	
Slip modulus - K _{ser} [kN/mm2]	7,85	10,29	12,65	15,04	18,18	EN 14545 Section 6.1.3; EN 13271	
Durability							
Material	Black heart malleable cast iron EN-GJMB-350-10					DIN-EN 1562	
Corrosion protection	zinc-plated - FE/ZN12/B usage class 1 and 2					DIN-EN-ISO 2081 EN 1995-1-1	
	hot dip galvanised usage class 1,2 and 3					DIN-EN ISO 1461 – min. 40 ym EN 1995-1-1	

The performance of the above product corresponds to the declared performance[s]. The above-mentioned manufacturer is solely responsible for preparing the declaration of performance in accordance with Regulation [EU] No. 305/2011.

Signed for the manufacturer and on behalf of the manufacturer by:

Saarburg, 31.07.2024



Friedbert Theis
Geschäftsführer



Markus Becker
Verkaufsleiter