

Declaration of Performance



DoP-221-002

- 1 Product Type: Bracing strip, Perforated strip, Perforated plate, Flat connector
- 2 Identification: 2.21 , 2.26 , 2.27 , 2.45
- 3 Intended Use: load bearing timber structures
- 4 Manufaktur: FraP Metall GmbH
Triftstraße 21b
D-16348 Wandlitz
- 5 Authorised Representative: N/A
- 6 System of Assessment: 4

7/8 Technical Specification and Notified Bodies:

	Name	No.	System of Assessment	Referenzdokument	ETAG / EN Norm
Factory Production control	FraP Metall GmbH	-	4	DoC-221-001	EN 14545

9 Declared Performance:

Essential characteristics	Performance	ETA Section / EN Standart
Mechanical resistance and stability	DoC-221-001 Timber Structures - Connectors - Requirements	EN 14545 DIN 1052
Reaction to fire	class A1	-
Hygiene, health and the environment	No dangerous materials	-
Safety in use	No performance determined	-
Protection against noise	No performance determined	-
Energy economy and heat retention	No performance determined	-
Durability	Steel, pre-galvanized (sendzimir verzinkt): Z275 $R_e \geq 250 \text{ N/mm}^2$, $R_m \geq 330 \text{ N/mm}^2$, $A_{80} \geq 19\%$ Stainless steel: 1.4301, 1.4401, 1.4541, 1.4571 or 1.4016	- Service classes 1 , 2 according Eurocode 5 / EN 1995-1-1 EN 10346:2009 Service classes 1 , 2 , 3 according Eurocode 5 / EN 1995-1-1 EN 10088
Serviceability	No performance determined	-
Identification	Refer to Point 2 and DoC-221-001	DoC-221-001

The performance of products identified in point 1 and 2 is in conformity with the declared performance in point 9.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and behalf of the manufacturer by:

Thomas Frank
Managing Director

Wandlitz, D. 14.06.2013