

Declaration of Performance



DoP-228-001

- 1 Product Type: Hold-downs/ Flat Steel Anchors
2 Identification: 2.0 mm, 4.0 mm
3 Intended Use: load bearing timber structures, refer to ETA-08/0064 Section 1
4 Manufaktur: FraP Metall GmbH
Triftstraße 21b
D-16348 Wandlitz
5 Authorised Representative: N/A
6 System of Assessment: 2+

7/ 8 Technical Spezifikation and Notified Bodies:

	Name	No.	System of Assessment	Referenzdokument	ETAG / EN Norm
Technical Assessment	ETA Denmark- A/S	-	2+	ETA-08/0064	ETAG015:2002
Factory Production control	SPSC Statybos Produkcijos Sertifikavimo Cerbtras	1397	2+	1397-CPR-0209	-

9 Declared Performance:

Essential characteristics	Performance	ETA Section / EN Standart
Mechanical resistance and stability	ETA-08/0064	ETA -08/0064 Section 2.1, Annex p. 11-52
Reaction to fire	class A1	ETA-08/0064 Section 2.2
Hygiene, health and the environment	No dangerous materials	ETA-08/0064 Section 2.3
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-galvanized): 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	ETA-08/0064 Section 1.1 and 2.7 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 ETA-08/0064	ETA-08/0064 Annex p. 11-52

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. 07.06.2013