

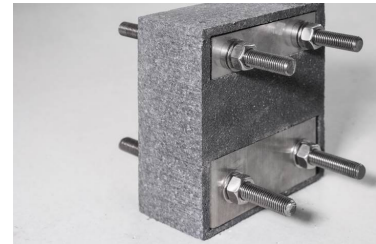
Declaration of Performance

Annex III of regulation (EU) Nr. 305/2011



Egcoibox® FST

The Egcoibox® FST steel connection is an optimal solution for the thermal separation of steel structures and thus reduces thermal bridges, without limiting the structural effectiveness of the support system.



1. Product Type: Unique identification code of the product type	Egcoibox® FST 20 – steel products and accessories
2. Type: Batch or serial number or any other element allowing identification of the construction product as required under Article 11(4)	Batch number: refer to product label
3. Intended use: Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer	Egcoibox® FST is used to provide both a static connection and a thermal separation of steel constructions at buildings
4. Name, registered trade name: Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5)	Egcoibox® FST Max Frank Pressig GmbH Industriestraße 4-8 96332 Pressig, Germany
5. Contact address: Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2)	not relevant - see no. 4
6. AVCP: System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR, Annex V	2+
7. Notified body (hEN): In case of the declaration of performance (DoP) concerning a construction product covered by a harmonized standard	SLV-München 2451-CPR-EN1090-2013.0284
8. Notified body (ETA): In case of the declaration of performance concerning a construction product for which an ETA has been issued	not applicable

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9. Declared performance:

Essential characteristics

Tolerances
Weldability
Fracture toughness
Load bearing capacity

performance

EN 1090-2, D.1
NPD
min 27J at 20°C
Acc. type testing Nr. T 17/003/353
FST16-1/1 $Z_{Rd} = 182,6$ kN
 $D_{Rd} = 141,0$ kN
 $V_{z,Rd} = 76,8$ kN
 $V_{y,Rd} = 23,0$ kN
FST22-1/1 $Z_{Rd} = 352,6$ kN
 $D_{Rd} = 232,9$ kN
 $V_{z,Rd} = 58,8$ kN
 $V_{y,Rd} = 25,0$ kN

(Z = tension, D = pressure)

The given loads are maximum loads and have to be reduced if necessary.

Deformation at SLS
Durability

Acc. type testing Nr. T 17/003/353
Mat. - Nr. 1.4401, 1.4404 and 1.4571 to
EN 1993-1-4

10. Declaration:

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

Signed for and on behalf of the manufacturer by



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Dipl. - Ing. B.Sc. Moritz Michel
Head of Technical Product Management

Leiblfing, 21st June 2019
