

DECLARATION of PERFORMANCE

according to Annex III of the regulation (EU) No. 305/2011 (construction product regulation)

TOB_DoP_500_E_14592_Facade screws 8690

1. Unique identification code of the product type:

**Facade screws "Trespo",
thru head timber screw with TX-six lobe drive**

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

ART. 8690 – lot number are displayed on the packaging

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Generic type:	Façade screws "Trespo", thru head timber screw with TX-six lobe drive
For use in:	Self-tapping screws for use in timber construction
Load:	Static or quasi-static load
Material:	Stainless steel A2
Covered sizes:	ø 4,8 mm

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

**TOBSTEEL GmbH
Rudolf-Diesel-Str. 8
74613 Öhringen
Germany**

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

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6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

HFB Engineering GmbH (notified body No. 1034) certified according to system 3

and has published: Inspection report No. LZK00-02068/17/200NZK
in accordance to: Harmonised standards hEN 14592+A1:2012

8. In case of the declaration of performance concerning a construction product for which an European Technical Assessment has been issued:

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9. Declared performance

Essential characteristics	Performance	Technical specification
Dimension	ø 4,8 mm	08690-100
Characteristic yield moment $M_{y,k}$	9,208 Nm	hEN 14592+A1:2012
Characteristic tensile strength $f_{tens,k}$	6,32 kN	hEN 14592+A1:2012
Characteristic torsional strength $f_{tor,k}$	-	-
Bending angle	-	-
Characteristic withdrawal parameter $f_{ax,90,k}$	22,63 N/mm ²	hEN 14592+A1:2012
Characteristic value of the head pull-through parameter $f_{head,k}$	14,62 N/mm ²	hEN 14592+A1:2012
Characteristic value of the torsional ratio $f_{tor,k} / R_{tor,mean} \geq 1,5$	3,97 Nm / 2,33 Nm = 1,703	hEN 14592+A1:2012

10. The performance of the product according to paragraph No. 1 and 2 corresponds to the declared performance in No. 9. Responsible for creating this product performance is only the manufacturer according to No. 4.

Signed for and on behalf of the manufacturer by:

Öhringen, 2021-01-05



Julian Rauscher
Head of Product and Quality Management