


SCM-Produkt/TAA/202120 Page 1 of 2 Date: 19.07.2017	Declaration of Performance acc. to Annex III of Regulation (EU) No. 305/2011	 Steel/Tube
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Hot finished structural hollow sections of non-alloy and fine grain steels

No. 41CPR002

1. Unique identification code of the product-type:

EN 10210-1 according to Annex A and Annex B

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

**To be used in metal structures or in composite metal and concrete structures
acc. to EN 10210 Annex ZA, Table ZA.1**

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

**BENTELER Steel/Tube GmbH
Residenzstrasse 1
33104 Paderborn
Germany**

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

Not applicable

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

System 2+

6. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

The notified body **TÜV NORD Systems, Reg.No. 0045** performed the initial inspection of the manufacturing plant and the factory production control with continuous surveillance, assessment and evaluation under system 2+ and issued the following certificate:

**Certificate of factory production control according to DIN EN 10210-1:2006, Annex ZA
Certificate-No.: 0045-CPR-0606**

7. Declared performance:

All requirements, including all essential characteristics and the appropriate performances for the use stated in point 2, have been determined as described in the European Harmonised Standards of the following table.

Essential characteristics	Performance	Harmonised technical specification
Tolerances on dimensions and shape.	Pass/fail limits are specified in Table 2	EN 10210-2:2006, Clause 6
Elongation	% values to be achieved are contained in Annexes A und B	EN 10210-1:2006, 6.6.1, Tables A.3 and B.3
Tensile strength	MPa values to be achieved are contained in Annexes A und B	EN 10210-1:2006, 6.6.1, Tables A.3 and B.3
Yield strength	MPa values to be achieved are contained in Annexes A und B	EN 10210-1:2006, 6.6.1, Tables A.3 and B.3
Impact strength	J values to be achieved are contained in Annexes A und B	EN 10210-1:2006, 6.6.1, Tables A.3 and B.3
Weldability	CEV value specified; Tables in Annexes A und B; Calculation formular specified.	EN 10210-1:2006, 6.5, Tables A.2 and B.2 and 6.7.1
Durability ^a	No performance determined (NPD); By option to specify that the product is suitable for galvanizing.	EN 10210-1:2006, 6.7.2
^a Durability (against corrosion) is dependent on the method of protection and/or thickness of coating.		

8. Angemessene Technische Dokumentation und/oder Spezifische Technische Dokumentation:
The performance of the product identified above is in conformity with the set of declared performance/s.
This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Dr. Andreas Hauger, Managing Director



(signature)

Frank Brinkschroeder, Director Product Management Construction



(signature)

Paderborn, 26.07.2017