



DECLARATION OF PERFORMANCE
of ETA-05/0122

1. Unique identification code of the product-type:

According mill certificate and identification code on each heat, batch etc.

2. Intended use/uses:

According 2.1 "INTENDED USES" of ETA-05/0122

*Bonded, unbonded, and external post-tensioning kits for prestressing of structures with bars,
diameter 17.5 to 47 mm*

3. Manufacturer:

SAS – Post-tensioning bar tendon system

Stahlwerk Annahütte

Max-Aicher GmbH & C. KG

Max-Aicher-Allee 1+2

D-83404 Hammerau

4. Authorised representative:

Andreas Schiller

Research and development department

5. System/s of AVCP:

System 1+



6. European Assessment Document:

EAD 160004-00-0301 (Post-tensioning kits for prestressing of structures)

European Technical Assessment:

ETA-05/0122 (SAS – Post-tensioning bar tendon system)

Technical Assessment Body:

Austrian Institute of Construction Engineering

Schenkenstraße 4

A-1010 Wien

Notified body:

MPA Bau

Materialprüfungsamt für das Bauwesen der Technischen Universität München

Theresienstraße 90/N6

80333 München

Certificate of constancy of performance 1211-CPR-1559-2018

7. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Resistance to static load	See Clause 3.2.1.1. (ETA-05/0122)	EAD 160004-00-0301 respectively ETA-05/0122
Resistance to fatigue	See Clause 3.2.1.2. (ETA-05/0122)	
Load transfer to the structure	See Clause 3.2.1.3. (ETA-05/0122)	
Friction coefficient	See Clause 3.2.1.4. (ETA-05/0122)	
Deviation, deflection (limits) for internal bonded and unbonded tendon	See Clause 3.2.1.5. (ETA-05/0122)	



Deviation, deflection (limits) for external tendon	See Clause 3.2.1.6. (ETA-05/0122)	
Assessment of assembly	See Clause 3.2.1.7. (ETA-05/0122)	
Corrosion protection	See Clause 3.2.1.8. (ETA-05/0122)	
Reaction to fire	See Clause 3.2.2.1. (ETA-05/0122)	
Content, emission, and/or release of dangerous substances	See Clause 3.2.3.1. (ETA-05/0122)	

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

Acc. document ETA-05/0122

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:

Name: Stefan Schultz (Head of Sales Threadbar Business, Authorized Officer)

At Hammerau on [date of issue]: 5th of October 2018