



DECLARATION OF PERFORMANCE

ETA-05/0122 of 09.12.2019



based on REGULATION (EU) No 305/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 2011

Unique identification code of the product-type

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

Intended use

The PT system SAS Post-tensioning bar tendon system is intended to be used for the prestressing of structures. The specific intended uses are listed down standing:

- Internal bonded tendon for concrete and composite structures
- Internal unbonded tendon for concrete and composite structures
- External tendon for concrete and composite structures with a tendon path situated outside the cross section of the structure or member but inside its envelope

Manufacturer

Stahlwerk Annahütte
Max-Aicher GmbH & C. KG
Max-Aicher-Allee 1+2
D-83404 Hammerau

System of AVCP

System 1+

European Assessment Document

EAD 160004-00-0301
(Post-Tensioning Kits for Prestressing of Structures)

European Technical Assessment

ETA-05/0122 (Bonded, unbonded, and external post-tensioning kits for prestressing of structures with bars, diameter 17.5 to 47 mm)

Technical Assessment Body

Austrian Institute of Construction Engineering
Schenkenstraße 4
A-1010 Wien



Notified Body

Materialprüfungsamt für das Bauwesen der Technischen Universität München
Arcisstraße 21
80333 München

Declared performance

See the assessment document published on the SAH homepage

Resistance to static load	See Clause 3.2.1.1
Resistance to static fatigue	See Clause 3.2.1.2
Load transfer to the structure	See Clause 3.2.1.3
Friction coefficient	See Clause 3.2.1.4
Deviation, deflection (limits) for internal bonded and unbonded tendon	See Clause 3.2.1.5
Deviation, deflection (limits) for external tendon	See Clause 3.2.1.6
Assessment of assembly	See Clause 3.2.1.7
Corrosion protection	See Clause 3.2.1.8
Reaction to fire	See Clause 3.2.2.1
Content, emission, and/or release of dangerous substances	See Clause 3.2.3.1

Appropriate Technical Documentation and/or Specific Technical Documentation:

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

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 is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Stefan Schultz (Head of thread bar business, authorized officer)

Stahlwerk Annahütte
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Telefon 09452-133-0

Hammerau, 26th of April 2024