

# Swedish Technical Approval

## 0425/02

and decision on production control, in accordance with chapter 8, 22 and 23 §§ Planning- and Building Act (2010:900), PBL

## Ancon Tapered Thread, Reinforcing Bar Couplers

### Holder

Ancon Building Products, President Way, President Park, Sheffield S4 7UR, United Kingdom  
Organisation number/VAT number: 210138, Tel: +44 (0) 114 275 5224,  
Fax: +44 (0) 114 276 8543, E-mail: [info@ancon.co.uk](mailto:info@ancon.co.uk), Internet: [www.ancon.co.uk](http://www.ancon.co.uk)

### Information supplied by

Halfen AB, Vådursgatan 5, 412 50 Göteborg, Sweden, Tel: +46 (0)31 98 58 00,  
Fax: +46 (0)31 98 58 01, E-mail: [info@halfen.se](mailto:info@halfen.se), Internet: [www.halfen.se](http://www.halfen.se)

### Product

Ancon Tapered Thread, reinforcing bar couplers, consisting of steel sleeve with internal tapered threads. Dimensions according to related documents.

### Intended use

Mechanical couplers for joining reinforcing steel bars, grade B500B.

### Trade name

Ancon Tapered Thread type TTS, TTP and TTT

### Approval

The products satisfy the requirements set forth in chapter 8, 4 § 1 PBL, in respect to and under conditions stated in this certificate, and are therefore approved in accordance with the provisions of the following sections of Boverket mandatory provisions on application of the European construction standards (eurocodes), (EKS) issued by the National Board of Housing, Building and Planning.

#### EKS

Durability	Section A, 7 §
Material	Section A, 11 §
Design of concrete structures	Section D, EN 1992-1-1

### Associated documents

- Halfen koniskt gängade armeringsskarvar Monteringsanvisningar, TTS Standarkoppling, daterad Juni 2014.
- Halfen koniskt gängade armeringsskarvar Monteringsanvisningar, TTT Övergångskoppling, daterad Juni 2014.
- Halfen koniskt gängade armeringsskarvar Monteringsanvisningar, TTP Lägeskoppling, daterad Juni 2014.

### Control

Production control is to be performed in accordance with instructions for control dated 2008-02-11. An independent inspection body audits the control.

Control agreement: Appendix dated 2014-07-29. Inspection body: Prüfstelle für Betonstahl.

When the building proprietor performs inspection at the building site, he shall check the markings to ensure that the correct products have been supplied and that they are used in accordance with the requirements stated in the approval and the associated documents. He must also check that the product is accompanied by a manufacturing assurance, which certifies that the product has been manufactured in accordance with the documents on which this approval is based.

### Manufacturer

Production control includes the following site:  
Ancon Building Products, Sheffield, United Kingdom

### Marking

The products are to be marked at the factory. The marking consists of text on every packing/documentation supplied and includes:

Approval holder  
Boverket's registered trademark  
Certification body and accreditation number  
Product type designation  
Approval number  
Inspection body

**Ancon Building Products**  
  
**SP Certifiering 1002**  
**e.g. TTS20**  
**0425/02**  
**Prüfstelle für Betonstahl**

Every single unit is marked with product type designation and batch number

**e.g. ABP TTS20 571W**

### Basis for approval

Report P805390 and F302059 from SP Technical Research Institute of Sweden. Report No. 207/1035/99/R2/GG/st from Stanger Science and Environment. Report No. 12/2001 from Steel Reinforcement Testing Agency. Reports dated 2014-06-03 and 2014-06-26 from Prüfstelle für Betonstahl. Drawings according to list dated 2014-08-29.

### Comments

This approval supersedes the previous approval with the same number dated 04 June 2009, valid through 03 June 2014.

### Period of validity

This approval is valid until 03 September 2019.

The validity of this approval expires when the product shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.

### SP Technical Research Institute of Sweden Certification

Leif Lundqvist

Krister Svensson