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Report No. 246720

Initial surveillance of the FPC of Adveco nailing plate fasteners according to EN 14545:2008

1 Preliminary remark

The Research Center for Steel, Timber & Masonry as a Notified Body was commissioned to check the factory production control (FPC) of Adveco nailing plate fasteners according to EN 14545:2008 and therefore carried out an initial surveillance at the manufacturing plant Adveco Srl, Via Monte Guglielmo 61, 25060 Cogozzo di Villa Carcina (Brescia), Italy on 03 July 2024.

Following the results of the surveillance are reported.

Responsible company representatives present during the inspection:

Mr. Marco Bertuzzi – Responsible quality
Mr. Alberto Morretti – General Manager

2 Initial Testing (ITT)

The following document was provided as initial test document for the nailing plate fasteners:

- ITT Initial Type Testing Nailing Plates from 02.07.2024

3 Initial inspection of the manufacturing plant

The production was inspected. The production process, technical equipment, spatial equipment and staffing, as well as the type, number and positioning of the production control stations were examined.

Planning and execution of the production are carried out under controlled conditions.

4 Procedural instructions

Written procedural instructions for incoming goods inspections and production controls for nailing plate fasteners, as well as general procedural instructions for handling, storage, packaging, for the control of defective products, labelling and traceability, and for corrective and preventive measures were in place.

The management system of the manufacturing plant is ISO 9001:2015 certified (Cert. No.: CH-16118, valid until 13.09.26). The requirements of EN 14545 for nailing plate fasteners were integrated into the existing system.

5 Personnel and test equipment

The persons in charge of factory production control have the necessary knowledge to properly perform the tests required according to EN 14545:2008 within the framework of factory production control. A randomly selected internal control of the dimensions of a construction product was observed. The required test equipment is available; currently valid calibration certificates for calipers and thickness gauge were submitted.

6 Incoming goods inspection

Each delivery of raw material is inspected on a random sample basis and documented. Each incoming coil is labelled with a neutral mark. Afterwards the dimensioning, zinc thickness (if possible) and the corresponding inspection certificate (3.1 accord-

ing to EN 10204) are checked. Goods found to be in good condition are released for production. An additional mark is attached to each coil. This time in green. In case of deviations and non-conformity, the raw material is marked as "blocked" and first of all transferred to a blocked storage area.

Random checks of the execution and documentation of the incoming goods inspections did not reveal any deviations from the planned procedure. The storage of the steel strip coils is carried out properly.

7 Production controls

At the start of production, the work preparation department draws up a general work flow plan containing all production steps. The coil used is registered by scanning the green label. If the wrong coil is selected by mistake, production cannot continue as the software stops production. There are drawings for the products for each production run, including the dimensions to be measured. The initial sample is approved by three people and the relevant / specified dimensions are then checked once an hour. This is recorded in an additional log. These correspond to the ITT documents and EN 14545:2008. There is also a target sample, the last piece produced from the last production run. The current production can be viewed online via an internal computer programme, i.e. the progress via the number of machine strokes.

Random checks of the execution and documentation of the manufacturing controls did not reveal any deviations from the planned procedure. The protocol is handwritten.

8 Outgoing goods

The traceability will be granted by adding an batch No. on the label and an individual stamp on the product. Once the certificate of conformity for the factory production control is available, the CE marking in accordance with the CPR should also follow. For the first official labelling, a delivery of the labelling and the individual marking on the product was agreed.

If there should be any customer complaints, there is a procedure in place to deal with them appropriately.

Possibilities for proper storage of the nailing plate fasteners are provided.

There have been no complaints concerning the conformity of the connectors with the technical specifications.

9 Summary

The initial inspection of the factory and the factory production control of nailing plate fasteners, connectors for load bearing timber structures, in accordance with EN 14545:2008 carried out on 03.07.2024 at the manufacturing plant Adveco Srl, in Cogozzo di Villa Carcina (Italy) did not reveal any deviations.

The certification is recommended.



Decision of certification

- The certification will be issued or maintained
- Reissuing of a certificate based on changes or amendments
- Suspension of certification
- The certification will not be issued or the existing certification will be revoked

Reason:

Karlsruhe, 16.09.2024



Dipl.-Ing. M. Steilner

(for the decision of certification)