

TYPE APPROVAL DECISION



Issued 06.06.2019

Valid until 06.06.2024

Eurofins Expert Services Ltd has, based on the act given about the approval of certain construction products (954/2012) 5§ and taking into account the provisions of the chapter 2 and provisions of 1§ of decree given by the Ministry of the Environment on the approval of certain construction products (555/2013), issued the following type approval.

PRODUCT

Reinforcing steel B500A coils,

Diameters 5 – 10 mm

The intended use of the product is the reinforcement of load-bearing concrete structures. The technical characteristics of the product have been type tested in the extent presented in standard SFS 1300:2017 and internal production quality control system of the factory fulfill the requirements of the standard.

Characters of the product

- characteristic value of yield strength not less than 500 MPa
- characteristic value of tensile strength/yield strength ratio not less than 1.05
- characteristic value of overall uniform relative elongation not less than 2.5 %
- linear density: fulfill the requirements
- weldability and long-term durability: fulfill the requirements
- bond properties: fulfill the requirements
- bendability: fulfill the requirements

The product also fulfills the following properties exceeding the minimum requirements:

- tensile strength 550 MPa
- diameter 5 – 6 mm: characteristic value of tensile strength/yield strength ratio not less than 1.05

MANUFACTURER

JSC "Severstal-metiz"

PLACE OF PRODUCTION

1/33, 50-letiya Oktyabrya Street, 162600 Cherepovets, Vologda region, Russia

SCOPE OF THE APPROVAL

This approval certifies that the above mentioned reinforcing steels fulfill the requirements of the document "Ympäristöministeriön asetus

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hitsattavien betoniterästen ja betoniteräsverkkojen olennaisista teknisistä vaatimuksista 125/2016 (Decree of the Ministry of the Environment on Essential Technical Requirements for Weldable Reinforcing Steels and Reinforcing Steel Nets)” and “Ympäristöministeriön asetus hitsattavien betoniterästen ja betoniteräsverkkojen tyyppihyväksynnästä 126/2016 (Decree of the Ministry of the Environment on type approval of Weldable Reinforcing Steel and Reinforcing Steel Nets).”

CONDITIONS OF THE APPROVAL

The technical information of the product shall be delivered with the product if requested.

VERIFICATION OF THE QUALITY CONTROL

Verification Body of Quality control

Eurofins Expert Services Oy, Espoo, Finland

Quality control contract

Quality contract number A-1059-19.

MARKING

The product shall be permanently marked with the manufacturer's mark “9/88”.

The product or the package shall be marked with type approval marking which is presented in the annex of this approval. Alternatively the type approval marking shall be printed on the document delivered with the product.

VALIDITY PERIOD

The validity of this decision starts on June 6th, 2019 and ends no later than on June 6th, 2024.

If the product is transferred to the scope of the CE marking, the type approval expires.

REMARKS

Eurofins Expert Services Ltd acts as a type approval body based on the act given about the approval of certain construction products 18§, authorized by the Finnish Ministry of the Environment and as a certification body (S017) accredited by FINAS.

CANCELLATION OF THE TYPE APPROVAL

The type approval decision will be cancelled if:

- The construction product does not fulfil the requirements presented in the land use and building act or the technical requirements based on the act.
- The importer or the manufacturer or its representative does not correct the flaws detected by the quality control.

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- The usage of the construction product is prohibited by Finnish Safety and Chemicals Agency (Tukes) or the importer or the manufacturer or its representative is ordered to withdraw the product from the market by Tukes.

BASIS OF THE APPROVAL

Decree of the Finnish Ministry of the Environment of type approval for reinforcing steels 126/2016.

Tiina Ala-Outinen
Business Unit Manager

Laura Salminen
Business Development Manager

This document has been digitally signed.

ANNEXES

Type approval logo
Rectification demand- and reclamation guide

FOR INFORMATION

Eurofins Expert Services Oy, P.O.Box 47, FI-02151 Espoo, Finland

"This is English version of the original Finnish version of the type approval decision with a same number. If the English version conflicts with the original version, the original version is valid. This English version was issued on 6th of June 2019."