



Type Approval Decision Nr 11313-01



1 (2)

The type approval body **Inspecta Sertifiointi Oy** has issued a type approval decision based on the Act on the Type Approval of Certain Construction Products (954/2012) to demonstrate that the product meets the requirements of the documents **Ympäristöministeriön asetus hitsattavien betoniterästen ja betoniteräsverkkojen olennaisista teknisistä vaatimuksista 125/2016** (Ministry of the Environment Decree on essential technical requirements of weldable reinforcing steel and mesh reinforcements) and **Ympäristöministeriön asetus hitsattavien betoniterästen ja betoniteräsverkkojen tyyppihväksynnästä 126/2016** (Ministry of the Environment Decree on type approval of weldable reinforcing steel and mesh reinforcements). The decision concerns the following product:

Reinforcement mesh B500A-SF35, diameters 5 - 12 mm

The characteristics of the product are as follows:

- Characteristic value of yield strength ≥ 500 MPa
- Characteristic value of ratio $R_m/R_{eH} \geq 1,03$ diameters 5-6 mm, $R_m/R_{eH} \geq 1,05$ diameters 7-12 mm
- Characteristic value of total elongation at maximum force $\geq 2,5$ %
- Mass per metre: meets the requirements
- Weldability and long-term durability: meets the requirements
- Bond properties and rib geometry: meets the requirements
- Weld shear force class SF35

The product is designed to be used for the reinforcement of load-bearing concrete structures. The technical properties of the product have been type tested in the extent presented in standard **SFS 1300:2017**, and the factory's internal production quality control system meets the requirements of the standard.

Manufacturer of the product:

Eesti Traat Oü

Lõuna tee 10, Loo, 74201 Harju maakond, Estonia

Manufacturing place of the product: Loo, Estonia

The type approval decision has been made on 2020-04-08

The decision is in effect until 2025-04-08

Mikko Törmänen, Managing Director

CERTIFICATE

Inspecta Sertifiointi Oy

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Sörnäistenkatu 2

FI-00581 Helsinki,

Finland

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Identification of the product: The product or its identification tag must include the type approval mark, product marking for mesh **B500A - SF35**, name of the manufacturer, manufacturing place as well as identification number of the type approval decision. The product must have a rolled manufacturer's mark. The manufacturer's mark is 9/1 + permanent identification of producer in every mesh.

The quality control certifier of the product is
Inspecta Sertifiointi Oy, Helsinki.

Date of the quality control agreement: 2019-10-22

The inspection visit and testing reports that the decision is based on:
SERJKI10050, Test report 4-4.1.-356-2020

The type approval decision is based on the initial inspection and the type testing by the type approval body. The decision is in effect provided that the requirements included in the General Rules for Product Certification and the above-mentioned regulations and documents are continuously met. The quality control certifier mentioned in the annex continuously monitors the internal production quality control carried out by the factory and performs selection and testing of random samples. If the product is transferred to the scope of the CE marking, the type approval expires. The validity of the decision can be checked at www.kiwa.com/fi

CERTIFICATE

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