



Certificate

The Type Approval Body **Kiwa 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 tyyppihyväksynnästä 126/2016** (Ministry of the Environment Decree on type approval of weldable reinforcing steel and mesh reinforcements). The Decision concerns the following product:

Reinforcing bars B500A, diameters 4 - 12 mm
Reinforcing coils B500A, diameters 5 - 12 mm
Welded fabrics B500A-SF55, diameters 4 - 12 mm

The characteristics of the product are as follows:

- Characteristic value of yield strength ≥ 500 MPa
- Characteristic value of ratio R_m/ReH at grade A class:
 $\geq 1,03$ (diameters 4-6 mm) and $\geq 1,05$ (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
- Bendability for bars and coils: meets the requirements
- Weld shear force class SF55

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 1300:2020**, and the factory's internal production quality control system meets the requirements of the standard.

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

- Tack weldability has been tested according to the standard SFS 1202

Manufacturer of the product:

Pintos Oy, Lappi factory

Yrittäjätie 9, FI-27230 Lappi, Finland

Manufacturing place of the product: Lappi, Finland

The Type Approval Decision has been issued on 2026-08-18
(first issue 2017-05-02)

The Decision is valid until 2031-08-17

Maija Vanttaja, Managing Director





Type Approval Decision

Nro 9854-04



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Identification of the product: The product or its identification tag must include the Type Approval Mark, product marking **B500A** or also for welded fabrics **B500A – SF55**, name of the manufacturer, manufacturing place as well as Type Approval Decision number. The product must have a rolled manufacturer's mark. The manufacturer's mark is 6/22.



The quality control certifier of the product is
Eurofins Expert Services Oy, Espoo.

Date of the quality control agreement: 2010-11-30

The inspection visit and testing reports that the decision is based on:
EUF129-26001247-I3, EUFI29-29000919-T1

The Type Approval Decision is based on the quality control inspections for production executed by approved quality control certifier, who is authorized by the Ministry of Environment and the type testing by the accredited testing laboratories. 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 Decision continuously monitors the internal production quality control carried out by the factory and performs selection and testing of random samples. Type Approval Decision is withdrawn if the construction product does not fulfill the requirements of Land Use and Building Act and the regulation of essential technical requirements, which are given on behalf of Land Use and Building Act. 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

