



SK-Conformity declaration

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SK

Undersigned representative

of producer : **WAGNER SERVICECENTRUM Co. Ltd.,
Teslova 2, 040 12 Košice**

workshop: **WAGNER SERVICECENTRUM Co. Ltd.,
Teslova 2, 040 12 Košice**

proclaims, that the product: **Steel for concrete reinforcement type: WAGNER welded meshes from the wires B500A
(BSt 500 M) cold formed**

is in conformity with the clause of the law num. 90/1998 of digest of laws about the constructional products as amended by the latter acts, if it is build in accordance with the for build-in instructions and for the product and its production is exercised the technical certificate number **TO-10/0038**.

Within initial testing of type were certified:

Characteristic	Declared value or class	The number of protocol about test and reference to laboratory
Yield point Rp 02	Min. 500 N/mm ²	80100103 1)
Tensile strenght Rm	Min. 500 N/mm ²	80100103 1)
Ratio Rm/Rp 02	Min 1,05	80100103 1)
Ductility Agt	Min. 2,5 %	80100103 1)
The reverse bend of wires	samples are bended about 90° around the mandrel with the diameter 5 ds, they will undergo the artificial aging in the period of 1 hour by the temperature 100 ° C and after cooling they will bend back minimum 20° without fissures and fractures	80100103 1)
Brittleness in welded point	samples are bended about 60° around the mandrel with diameter 6 ds without fracture and creation of fissures	80100103 1)
Strength of welded joint in slip	min. 0,3 An. Rp, 0,2	80100103 1)
Allowed deviation of wires from the rated area An	+6%, -4%	80100103 1)
Fatigue strength 25A	175 N mm ² , for min 1x 10 ⁶ of cycles without damage	80100103 1)
Relation area of ribbs fR	annex 1, tablet 5 For the diameter 10 mm min. 0,052 For other diameters min. 0,056	80100104 1)
Chemical composition	C max. 0,24 % P max. 0,055 % S max. 0,055 % N max 0, 014 % Cu max. 0,65 %	C04/10/0043/1401/CP 2)
Weldability	It is quaranteed by convenient chemical composition CEV=max 0,52	80100104 1)

Product description and aim and the method of use on the building:

Steel for concrete reinforcement-type: welded meshes from wires B500A (BSt 500 M) cold formed are used as reinforcement of statically loaded reinforcing constructions..

The title and adress of authorised person:

Building testing and research institute n.o., Authorised person SK04, Studená 3, 826 34 Bratislava

Certificate of conformity

SK04-ZSV-1310

The conditions and the validity of the certificate:is until **15.05.2015** according the assumption of realisation of through inspections once a year with the positive result.

The titles and adresses of laboratories, which already made the tests.

- 1) Building testing and research institute n.o., branch Prešov, Budovateľská 53, 080 01 Prešov, Authorised person
- 2)
- 3) SK04, accredited testing laboratory, certification number: S 116

Name: Róber Wagner

Function: representative

The date: 4.8. 2010

signature:

