

# CERTIFICATE OF CONSTANCY OF PERFORMANCE

<b>Product</b>	weldable hot rolled reinforcing steel in coils
<b>Type</b>	CELSAMAX B500SP, diameters 10, 12, 14, 16 and 20 mm
<b>Intended use</b>	for the reinforcement of concrete structures
<b>Performances</b>	see annex 1
<b>Manufacturer</b>	CELSA "Huta Ostrowiec" Sp. z o.o., ul. Samsonowicza 2, 27-400 Ostrowiec Sw., Poland
<b>Manufacturing plant</b>	CELSA "Huta Ostrowiec" Sp. z o.o., ul. Samsonowicza 2, 27-400 Ostrowiec Sw., Poland
<b>Requirements</b>	LST EN 10080:2006 and declared performances according the producer's technical specification WT0.4.003 (see annex 1)

**This certificate is issued having performed actions prescribed for system 1+ in STR 1.01.04:2015 and confirms that the product complies with requirements set out in this certificate.**

<b>Number</b>	SPSC-9278
<b>Date of issue</b>	2023-04-25 (first issued on 2014-04-26)
<b>Valid until</b>	2026-04-25 (information <a href="http://www.spsc.lt">www.spsc.lt</a> )
<b>Granted to</b>	CELSA "Huta Ostrowiec" Sp. z o.o., ul. Samsonowicza 2, 27-400 Ostrowiec Sw., Poland, company code 016364209

Director



Valdemaras Gauronskis

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Statybos produkcijos sertifikavimo centras accredited by the Lithuanian National Accreditation Bureau for products certification according to LST EN ISO/IEC 17065 (accreditation certificate No LA.03.004) and is the body for certification of building products designated by Minister of Environment

**ANNEX 1 TO CERTIFICATE No. SPSC-9278**

Issued 2023-04-25

**Product** weldable hot rolled reinforcing steel in coils  
**Type** CELSAMAX B500SP,  
 diameters 10, 12, 14, 16 and 20 mm

**Essential characteristics and performances**

Essential characteristic	Test method	Performance
Percentage total elongation at maximum force $A_{gt}$ , % (characteristic value)	LST EN ISO 15630-1:2019	8,0
Weldability (product analysis): - carbon equivalent $C_{eq}$ , %; - limitations on the content of certain elements, %	LST EN 10080:2006 spectrometric methods	$\leq 0,52$ pass
Tolerances	LST EN ISO 15630-1:2019	pass
Bendability	LST EN ISO 15630-1:2019	pass
Bonding strength (surface geometry)	LST EN ISO 15630-1:2019	pass
Ratio tensile strength/yield strength $R_m / R_e$ (characteristic value)	LST EN ISO 15630-1:2019	$\geq 1,15$ $< 1,35$
Tensile yield strength $R_e$ , MPa (characteristic value)	LST EN ISO 15630-1:2019	500
Fatigue, number of stress cycles	LST EN ISO 15630-1:2019	NPD
Durability (product analysis), %: - carbon C; - sulphur S; - phosphorus P; - nitrogen N; - cooper Cu; - carbon equivalent $C_{eq}$	spectrometric method spectrometric method spectrometric method spectrometric method spectrometric method LST EN 10080:2006	$\leq 0,24$ $\leq 0,055$ $\leq 0,055$ $\leq 0,014$ $\leq 0,85$ $\leq 0,52$

Director



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