SPSC STATYBOS PRODUKCIJOS SERTIFIKAVIMO CENTRAS
Linkmenų g. 28, LT-08217 Vilnius, Lietuvos Respublika

CERTIFICATE
OF CONSTANCY OF PERFORMANCE

Product	weldable hot rolled reinforcing steel bars
Type	B500SP, diameters 8, 10, 12, 14, 16, 20, 25, 28 and 32 mm
Intended use(s)	for the reinforcement of concrete structures
Performances	see Annex 1
Manufacturer	CELSA "Huta Ostrowiec" Sp. z o. o., ul. Samsonowicza 2, 27-400 Ostrowiec Sw., Poland
Manufacturing plant	CELSA "Huta Ostrowiec" Sp. z o. o., ul. Samsonowicza 2, 27-400 Ostrowiec Sw., Poland
Requirements	LST EN 10080:2006 and declared by the producer performances

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.

Number	SPSC-8139B
Date of issue	2022-06-17 (first issued on 2007-06-27)
Valid until	2025-06-17 (information www.spsc.lt)
Granted to	CELSA "Huta Ostrowiec" Sp. z o. o., ul. Samsonowicza 2, 27-400 Ostrowiec Sw., Poland, company code 016364209

Director Valdemaras Gauronskis

LIETUVOS RESPUBLIKA VILNIUS SPSC STATYBOS PRODUKCIJOS SERTIFIKAVIMO CENTRAS VALSTYBĖS ĮMONĖ

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VĮ 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

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ANNEX 1 TO CERTIFICATE No. SPSC-8139B

Issued 2022-06-17

Product weldable hot rolled reinforcing steel bars

Type B500SP,
diameters 8, 10, 12, 14, 16, 20, 25, 28 and 32 mm

Essential characteristics and performances

Essential characteristic	Test method	Performance
Elongation 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	≤ 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
Stress ratio R_m / R_e (characteristic value)	LST EN ISO 15630-1:2019	1,15
Tensile yield strength R_e (characteristic value), MPa	LST EN ISO 15630-1:2019	500
Fatigue, number of 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 LST EN 10080:2006	 ≤ 0,24 ≤ 0,055 ≤ 0,055 ≤ 0,014 ≤ 0,85 ≤ 0,52

NPD – no performance determined

Director Valdemaras Gauronskis

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