

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Product	weldable reinforcing steel in coils
Type	CELSAMAX B500SP, diameters 10, 12, 14, 16 and 20 mm
Intended use(s)	for the reinforcement of concrete structures
Product parameters	see annex 1
Manufacturer	CELSA "Huta Ostrowiec" Sp. z o. o., ul. Samsonowicza 2, 27-400 Ostrowiec Sw., Poland
Manufacturing plant(s)	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 values according WT0.4.017-WT (see annex 1)

This certificate is issued having performed actions prescribed for system 1+ in STR 1.01.04:2013 and confirms that the product complies with requirements set out in this certificate.

Number	SPSC-9278
Date of issue	2014-04-26
Valid until	2017-04-26 (information www.spsc.lt)
Granted to	CELSA "Huta Ostrowiec" Sp. z o. o., ul. Samsonowicza 2, 27-400 Ostrowiec Sw., Poland, company code 0163654209

Director



Robertas Encius

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ANNEX 1 TO CERTIFICATE No. SPSC-9278

Issued 2014-04-26

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

Product parameters:

Characteristics	Test method	Unit of measurement	Declared value
Elongation, A_{gt} (characteristic value)	LST EN ISO 15630-1:2011	%	8
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 15630-1:2011	—	pass
Bendability	LST EN ISO 15630-1:2011	—	pass
Bonding strength (surface geometry)	LST EN ISO 15630-1:2011	—	pass
Stress ratio, R_m / R_e (characteristic value)	LST EN ISO 15630-1:2011	—	1,15
Tensile yield strength, R_e (characteristic value)	LST EN ISO 15630-1:2011	MPa	500
Fatigue	LST EN ISO 15630-1:2011	number of stress cycles	NPD
Durability (product analysis): - carbon, C; - sulphur, S; - phosphorus, P; - nitrogen, N; - copper, 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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