



## Declaration of Performance

No. KZ/1090-1/2020/1

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1. **Unique identification code of the product-type:** cold-formed steel profiles: Z-profile, C-profile,  $\Sigma$ -profile, SP-profile
2. **Intended use/es:** for structural use in all types of construction works
3. **Manufacturer:** BALEX METAL sp. z o.o., ul. Wejherowska 12C, 84-239 Bolszewo
4. **System/s of AVCP:** 2+
5. **Harmonised standard:** EN 1090-1:2009+A1:2011: Execution of steel structures and aluminium structures – Part 1: Requirements for conformity assessment of structural components.  
**Notified body/ies:** TECHNICKÝ A SKÚŠOBNÝ ÚSTAV STAVEBNÝ (No. 1301)  
**Certificate of Factory Production Control:** 1301-CPR-1595, 1301-CPR-1596
6. **Declared performance/s:** Table 1

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed in the name of the manufacturer by:  
Chief Executive Officer

**BALEXMETAL** Sp. z o.o.  
84-239 Bolszewo, ul. Wejherowska 12C  
tel. 58 778-44-44, fax 58 778-44-55  
NIP 588-11-30-299  
P-191112216 (17)

Bolszewo, 12 November 2020

Marek Dzikiewicz



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Table 1: Declared performance/s

Characteristic	Performance
Shape	Z;C; Σ;SP – according to specification
Material grades	S280GD, S350GD
Metallic coating	Z200; Z275
Execution class	EXC2
Material thicknesses [mm]	1,5; 2,0; 2,5; 3,0; 3,5
Tolerances on dimensions and shape	According to EN 1090-2
Weldability	NPD
Fracture toughness, Impact resistance	NPD
Loadbearing capacity	NPD
Deformation at serviceability limit state	NPD
Fatigue strength	NPD
Resistance to fire [class]	NPD
Reaction to fire [class]	A1 (CWFT)
Release of cadium and ist compounds	NPD
Emission dof radioactivity	NPD
Durability	Corrosion resistance RC1, RC2 according to PN-EN ISO 12944-2