



Declaration of Performance No.: G 021

Product – identification code of type	Perforated Metal Planks, Stairtreads and Ladder Rungs
Type	Type: BZ, BP, BP-U, BN-O, BN-G, BR, BN-OP, BN-OL, BN-OD, BN-GA, BP-H, BN-OF a LSP execution class EXC2
Intended use	floor building element, etc. according to manual- download: www.lichtgitter.com
Producer	Lichtgitter CZ spol. s r.o. U Lékárny 1 735 35 Horní Suchá IČ: CZ60320371
Authorised representative	not established
System of assessment and verification of performance	2+
Notified certification body	TZUS Praha s.p. Prosecká 811/76a, Praha 9, č. NB 1020 Certifikát (Osvědčení) SRV č. 1020-CPR-070043475

Performance in declaration: (acc. to tab. ZA.1 EN 1090-1:2009+A1:2011)

Basic properties	Value of properties	Technical specification
Tolerance and geometric data	DIN 24537-2, DIN 24531-2 RAL GZ639	4.2 a 5.3 EN 1090-1:2009+A1:2011
Weldability	steel S235JR acc. to EN 10025-2	4.3 a 5.4 EN 1090-1:2009+A1:2011
Fracture toughness shock resistance	27 J at 20°C	4.4 a 5.5 4.8 a 5.10 EN 1090-1:2009+A1:2011
Reaction to fire	class A1	4.6 a 5.8 EN 1090-1:2009+A1:2011
Release of cadmium	NPD	4.7 a 5.9 EN 1090-1:2009+A1:2011
Emission of radioactivity	NPD	4.7 a 5.9 EN 1090-1:2009+A1:2011
Durability	Surface protection- hot dip galvanised acc. to EN ISO 1461	4.9 a 5.11 EN 1090-1:2009+A1:2011
Bearing capacity	EN ISO 14122, RAL GZ 639 Acc. to manual Lichtgitter- see intended used	4.5.1, 4.5.2 a 5.6.2 EN 1090-1:2009+A1:2011
Deformation in Limiting State of usability	NPD	4.5.5 EN 1090-1:2009+A1:2011
Fatigue strength	NPD	4.5.1, 4.5.3 a 5.6.2 EN 1090-1:2009+A1:2011

Performance of product are in agreement with performance in the table

This declaration of performance is issued under the sole responsibility of the manufacturer.

Pavel Smilowski
Company Executive Head


Signature

spol. s r.o.
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Horní Suchá, 2015-06-24