



Declaration of Performance No.: G 041



Product – identification code of type	Metal spiral staircase
Type	Spiral staircase type „LG Special“ - execution class EXC2
Intended use	building element for vertical way. 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) SŘV 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	EN ISO 13920 Grating-DIN 24537-1,RAL GZ638	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	Accordig to EN 1991 Acc. to manual Lichtgitter- see intended used	EN ISO 14122 Die RAL GZ 638
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, 2014-06-20