



Declaration of Performance

Product - identification code of type	
Type	
Intended use	Industrial flooring element, according our website: www.lichtgitter.co.uk
Producer	Lichtgitter UK Ltd
Customer	
System of assessment and verification of performance	2+
Notified certification body	ISOQAR / UKAS Cert Number 12188

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	BS 4592-0:2006+A1:2012 BS EN 14122	4.2 a 5.3 EN 1090-1:2009+A1:2011
Weldability	steel S 275 acc. to EN 10025-2	4.3 a 5.4 EN 1090-1:2009+A1:2011
Fracture toughness Shock resistance	27 J at ROOM TEMPERATURE	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		4.9 a 5.11 EN 1090-1:2009+A1:2011
Bearing capacity		4.5.1, 4.5.2 und 5.6.2 EN 1090-1:2009+A1:2011
Comformance	BS 4592-0:2006+A1:2012 BS EN 14122	4.5.2 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.