

CONSTRUCTION PRODUCTS REGULATION 2011 DECLARATION OF PERFORMANCE

DoP Number:

DOP.LWG.PED.001

1. Unique identification code of the product-type:

LWG-5110TSE - single door panic bolt for timber doors
LWG-5110TSE + MDFP1 fixing pack - single door panic bolt for metal doors

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:

LWG-5110TSE - single door panic bolt for timber doors
LWG-5110TSE + MDFP1 fixing pack - single door panic bolt for metal doors

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

For use on escape route doors, when fixed in accordance with the manufacturer's fitting instructions
For use on fire and smoke compartmentation doors, when fixed in accordance with the manufacturer's fitting instructions

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Lloyd Worrall Architectural Solutions
Unit 11, Attercliffe Common Industrial Estate, Fell Road, Sheffield, South Yorkshire S9 2AL, United Kingdom

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

N/A

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 1

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard.

EN 1125:2008. Notified product certification body No. 0086 performed the determination of the product type on the basis of type testing (including sampling); initial inspection of the manufacturing plant and of the factory production control and continuous surveillance; assessment and evaluation of factory production control; and issued the certificate of constancy of performance of the product.

8. European Technical Assessment:

N/A

9. Declared performance

Essential characteristic	Performance	Harmonised technical specification
Clause 4.2.1 Ability to release (for doors on escape routes)		EN 1125:2008
Release function	Not exceeding 1 sec	
Panic exit device mounting	Pass	
Exposed edges and corners	Not exceeding 0.5 mm	
Double doorset	Pass	
Bar installation	Z not more than 150 mm from frame stop	
Bar length	At least 60% of max door width	
Bar projection	W not more than 100 mm;	
Bar end	Pass	
Operating bar face	V not less than 18 mm	
Test rod	Pass	
Door face gap	R not less than 25 mm	
Accessible gap	Pass	
Door free movement	Pass	
Top vertical bolt	Pass	
Keepers	Pass	
Floor keepers dimensions	H - not more than 15 mm M - not more than 45° P - not more than 3 mm	
Door mass and dimensions	Door mass up to 200 Kg door height up to 2520 mm, door width up to 1320 mm	
Outside access device	Pass	
Release forces	Not more than 80 N with the door unloaded Not more than 220 N with the door loaded with 1000 N	
Security requirement	Grade 2	

Essential characteristic	Performance	Harmonised technical specification
Clause 4.2.1 Durability of ability to release against aging and degradation (for doors on escape routes)		EN 1125:2008
Corrosion resistance	Grade 3: 96 hrs	
Temperature range	Operating forces at -10C° and + 60C° not more than 50% in excess of the operating forces at +20C°	
Covers for vertical rods	N/A	
Lubrication	Lubrication every 20 000 cycles	
Re-engagement force	Not greater than 50 N	
Durability	Grade 7: 200 000 cycles	
Abuse resistance - Horizontal bar	1 000 N	
Abuse resistance - Vertical rod	N/A	
Final examination	Not more than 80 N with the door unloaded Not more than 220 N with the door loaded with 1 000 N	
Clause 4.2.1 Self closing ability C (for fire/smoke doors on escape routes)		
Re-engagement force	Not more than 50 N	
Clause 4.2.1 Durability of self closing ability C against aging and degradation (for fire/smoke doors on escape routes)		
Durability	Grade 7: 200 000 cycles	
Re-engagement force	Not more than 50 N	
Clause 4.2.1 Resistance to fire E (integrity) and I (insulation) (for fire doors on escape routes)		
Suitability of panic exit devices for use on fire resisting doorsets or assemblies - Additional requirements	Grade B: Suitable for use on fire/smoke door assemblies	
Dangerous Substances Annex ZA3	The materials in the product(s) do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Mr David Thornton

Category Manager - Architectural Ironmongery

Date of issue: 17/12/2014

Lloyd Worrall Architectural Solutions
Unit 11, Attercliffe Common Industrial Estate, Fell Road, Sheffield, South Yorkshire S9 2AL, United Kingdom

This Declaration of Performance is issued on a standard template provided by the GAI for use in the door and hardware industries. There is no implied endorsement of the content, which is the responsibility of the issuing company.

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