



Declaration of Performance

No. 001

1. **Product type:** Hollo-Bolt®
2. **Type, batch or serial no.:** ETA 20/0917
Batch no. See product packaging
3. **Intended use:** An expanding structural bolting assembly for use in blind fastening to steelwork
4. **Manufacturer:** Lindapter International
Lindsay House,
Brackenbeck Road
Bradford,
West Yorkshire
BD7 2NF
5. **Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):** NA
6. **System of assessment and Verification of constancy of performance:** System 2+
7. **In case of the declaration of performance concerning a construction product covered by a harmonised standard:** NA
8. **In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued, technical assessment body:**
issued: ETA 20/0917
on the basis of: EAD No. 330001-00-0602
performed: Element Materials Technology Rotterdam B.V.,
Zekeringstraat 33, 1014 BV, Amsterdam, Netherlands has performed the initial inspection of the factory and the factory production control and performs the continuous surveillance, assessment and approval of the factory production control
Notified Body No. 2812

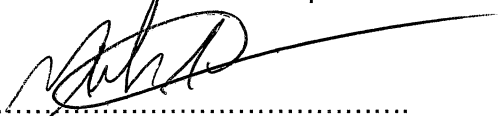
under system: 2+
and issued the Factory Production Control certificate number: 2812-CPR-0208

9. Declared performance

Essential Characteristic	Performance					Harmonised technical specification																				
Mechanical Resistance	Nominal size	Tension resistance $F_{t,Rk}$ (kN)	Shear resistance $F_{v,Rk}$ (kN)	Material strength of sleeve (N/mm ²)		EAD No. 330001-00-0602 ETA – 20/0917 Section 3.1 and Annexes																				
	Carbon Steel																									
	M08	23.1	32.9	430																						
	M10	39.6	54.2	430																						
	M12	45.8	71.0	430																						
	M16	84.3	139.0	430																						
	M20	124.0	211.0	390																						
	Stainless Steel																									
	M08	26.8	30.7	500																						
	M10	46.0	51.0	500																						
	M12	53.3	65.0	500																						
	M16	98.0	128.0	500																						
	M20	154.0	205.0	500																						
Dimensional Stability	The tolerances for dimensions / size are defined in the ETA.					EAD No. 330001-00-0602 ETA – 20/0917 Annexes																				
Reaction to fire	A1 (Steel)					EN 13501-1																				
Durability	<table><tr><td>Corrosivity Class</td><td>Galvanised Steel</td><td>Zinc Plated + JS500</td><td>Sheraplex</td><td>Stainless Steel</td></tr><tr><td>C1</td><td>More than 50 years</td><td>More than 50 years</td><td>More than 50 years</td><td>More than 50 years</td></tr><tr><td>C2</td><td>More than 50 years</td><td>More than 20 years</td><td>More than 50 years</td><td>More than 50 years</td></tr><tr><td>C3</td><td>More than 20 years</td><td>More than 10 years</td><td>More than 20 years</td><td>More than 50 years</td></tr></table>					Corrosivity Class	Galvanised Steel	Zinc Plated + JS500	Sheraplex	Stainless Steel	C1	More than 50 years	More than 50 years	More than 50 years	More than 50 years	C2	More than 50 years	More than 20 years	More than 50 years	More than 50 years	C3	More than 20 years	More than 10 years	More than 20 years	More than 50 years	ISO 9223
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Product identification	Each product shall be identified by way of a label affixed to each packaging of fastener assemblies as defined in the ETA.					EAD No. 330001-00-0602 ETA – 20/0917 Annexes																				

10. The performance of the product identified above is in conformity with the declared performance identified in the point 9.

Signed for on behalf of Lindapter International by:



Michael Norris Managing Director

Bradford UK, 16th November 2022

Place and date of issue