



## Declaration of Performance

No. 001

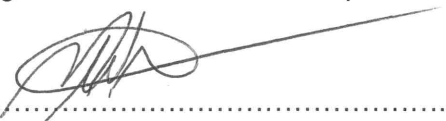
1. **Product type:** Hollo-Bolt®
  2. **Type, batch or serial no.:** ETA 20/0917  
Batch no. See product packaging
  3. **Intended use:** An expanding structural bolting assembly for use in blind fastening to steelwork
  4. **Manufacturer:** Lindapter International  
Lindsay House,  
Brackenbeck Road  
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:** Technicky a zkusebni ustav stavebni Praha, s.p.  
Prosecka 811/76a  
190 00 Prague  
Czech Republic
- 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 <sup>2</sup> )						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						ISO 9223					
	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 50 years	More than 50 years						
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, 14<sup>th</sup> December 2020

Place and date of issue