



## Declaration of Performance

No. 006

1. **Product type:** Type LR
  2. **Type , batch or serial no.:** ETA 15/0857  
Batch no. See product packaging
  3. **Intended use:** An adjustable clamp used to connect steel components.  
Adjustable to allow for use with multiple profiles of 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:** Exova BM TRADA, Chiltern House,  
Stocking Lane,  
Hughenden Valley,  
High Wycombe  
Buckinghamshire  
HP14 4ND  
No. 1224
- issued:** ETA 15/0857
- on the basis of:** EAD No. 330155-00-0602 Self Adjustable Clamp assemblies
- performed:** Exova BM TRADA 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
- under system:** 2+
- and issued the Factory Production Control certificate number:** 1224-CPR-1142

**9. Declared performance**

Essential Characteristic	Performance	Harmonised technical specification																								
Mechanical Resistance	<table border="1"> <thead> <tr> <th data-bbox="459 367 587 495">Product</th> <th data-bbox="587 367 715 495">Bolt property class</th> <th data-bbox="715 367 938 495">Slip resistance Fs,Rk (4 bolts) (kN)</th> <th data-bbox="938 367 1182 495">Tension resistance Ft,Rk (4 bolts) (kN)</th> </tr> </thead> <tbody> <tr> <td data-bbox="459 495 587 528">LR10</td> <td data-bbox="587 495 715 528">8.8</td> <td data-bbox="715 495 938 528">2</td> <td data-bbox="938 495 1182 528">11.5</td> </tr> <tr> <td data-bbox="459 528 587 562">LR12</td> <td data-bbox="587 528 715 562">8.8</td> <td data-bbox="715 528 938 562">3.5</td> <td data-bbox="938 528 1182 562">34</td> </tr> <tr> <td data-bbox="459 562 587 595">LR16</td> <td data-bbox="587 562 715 595">8.8</td> <td data-bbox="715 562 938 595">6.5</td> <td data-bbox="938 562 1182 595">63.5</td> </tr> <tr> <td data-bbox="459 595 587 629">LR20</td> <td data-bbox="587 595 715 629">8.8</td> <td data-bbox="715 595 938 629">10</td> <td data-bbox="938 595 1182 629">99</td> </tr> <tr> <td data-bbox="459 629 587 663">LR24</td> <td data-bbox="587 629 715 663">8.8</td> <td data-bbox="715 629 938 663">14.5</td> <td data-bbox="938 629 1182 663">143</td> </tr> </tbody> </table>	Product	Bolt property class	Slip resistance Fs,Rk (4 bolts) (kN)	Tension resistance Ft,Rk (4 bolts) (kN)	LR10	8.8	2	11.5	LR12	8.8	3.5	34	LR16	8.8	6.5	63.5	LR20	8.8	10	99	LR24	8.8	14.5	143	EAD No. 330155-00-0602 ETA - 15/0857 Section 4.1
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Dimensional Stability	The tolerances for dimensions / size are defined in the ETA.	EAD No. 330155-00-0602 ETA - 15/0857 Section 6.1.2 and Annexes																								
Reaction to fire	A1 (Steel)	EN 13501-1																								
Durability	<table border="1"> <thead> <tr> <th data-bbox="459 990 603 1077">Corrosivity Class</th> <th data-bbox="603 990 762 1077">Galvanised Steel</th> <th data-bbox="762 990 967 1077">Electro - plated steel</th> </tr> </thead> <tbody> <tr> <td data-bbox="459 1077 603 1144">C1</td> <td data-bbox="603 1077 762 1144">More than 50 years</td> <td data-bbox="762 1077 967 1144">More than 20 years</td> </tr> <tr> <td data-bbox="459 1144 603 1211">C2</td> <td data-bbox="603 1144 762 1211">More than 50 years</td> <td data-bbox="762 1144 967 1211">More than 5 years</td> </tr> <tr> <td data-bbox="459 1211 603 1256">C3</td> <td data-bbox="603 1211 762 1256">More than 20 years</td> <td data-bbox="762 1211 967 1256">Not suitable</td> </tr> </tbody> </table>	Corrosivity Class	Galvanised Steel	Electro - plated steel	C1	More than 50 years	More than 20 years	C2	More than 50 years	More than 5 years	C3	More than 20 years	Not suitable	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. 330155-00-0602 ETA - 15/0857 Section 4.7.4																								

**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:



Gordon Browning Managing Partner

Bradford 18<sup>th</sup> December 2017

Place and date of issue