



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="592 367 715 495">Bolt property class</th> <th data-bbox="719 367 938 495">Slip resistance Fs,Rk (4 bolts) (kN)</th> <th data-bbox="943 367 1182 495">Tension resistance Ft,Rk (4 bolts) (kN)</th> </tr> </thead> <tbody> <tr> <td data-bbox="459 501 587 524">LR10</td> <td data-bbox="592 501 715 524">8.8</td> <td data-bbox="719 501 938 524">2</td> <td data-bbox="943 501 1182 524">11.5</td> </tr> <tr> <td data-bbox="459 530 587 553">LR12</td> <td data-bbox="592 530 715 553">8.8</td> <td data-bbox="719 530 938 553">3.5</td> <td data-bbox="943 530 1182 553">34</td> </tr> <tr> <td data-bbox="459 560 587 582">LR16</td> <td data-bbox="592 560 715 582">8.8</td> <td data-bbox="719 560 938 582">6.5</td> <td data-bbox="943 560 1182 582">63.5</td> </tr> <tr> <td data-bbox="459 589 587 611">LR20</td> <td data-bbox="592 589 715 611">8.8</td> <td data-bbox="719 589 938 611">10</td> <td data-bbox="943 589 1182 611">99</td> </tr> <tr> <td data-bbox="459 618 587 640">LR24</td> <td data-bbox="592 618 715 640">8.8</td> <td data-bbox="719 618 938 640">14.5</td> <td data-bbox="943 618 1182 640">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="459 996 603 1077">Corrosivity Class</th> <th data-bbox="608 996 751 1077">Galvanised Steel</th> <th data-bbox="756 996 963 1077">Electro - plated steel</th> </tr> </thead> <tbody> <tr> <td data-bbox="459 1084 603 1142">C1</td> <td data-bbox="608 1084 751 1142">More than 50 years</td> <td data-bbox="756 1084 963 1142">More than 20 years</td> </tr> <tr> <td data-bbox="459 1149 603 1207">C2</td> <td data-bbox="608 1149 751 1207">More than 50 years</td> <td data-bbox="756 1149 963 1207">More than 5 years</td> </tr> <tr> <td data-bbox="459 1214 603 1272">C3</td> <td data-bbox="608 1214 751 1272">More than 20 years</td> <td data-bbox="756 1214 963 1272">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



Place and date of issue