



Declaration of Performance

No. 011

1. **Product type:** Type CF
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="459 383 587 510">Product</th> <th data-bbox="587 383 715 510">Bolt property class</th> <th data-bbox="715 383 938 510">Slip resistance F_s, R_k (4 bolts) (kN)</th> <th data-bbox="938 383 1177 510">Tension resistance F_t, R_k (4 bolts) (kN)</th> </tr> </thead> <tbody> <tr> <td data-bbox="459 510 587 544">CF12</td> <td data-bbox="587 510 715 544">8.8</td> <td data-bbox="715 510 938 544">12</td> <td data-bbox="938 510 1177 544">136</td> </tr> <tr> <td data-bbox="459 544 587 577">CF16</td> <td data-bbox="587 544 715 577">8.8</td> <td data-bbox="715 544 938 577">20</td> <td data-bbox="938 544 1177 577">214</td> </tr> <tr> <td data-bbox="459 577 587 611">CF20</td> <td data-bbox="587 577 715 611">8.8</td> <td data-bbox="715 577 938 611">40</td> <td data-bbox="938 577 1177 611">460</td> </tr> </tbody> </table>	Product	Bolt property class	Slip resistance F_s, R_k (4 bolts) (kN)	Tension resistance F_t, R_k (4 bolts) (kN)	CF12	8.8	12	136	CF16	8.8	20	214	CF20	8.8	40	460	EAD No. 330155-00-0602 ETA - 15/0857 Section 4.1
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CF16	8.8	20	214															
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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="667 947 810 1037">Corrosivity Class</th> <th data-bbox="810 947 970 1037">Galvanised Steel</th> </tr> </thead> <tbody> <tr> <td data-bbox="667 1037 810 1093">C1</td> <td data-bbox="810 1037 970 1093">More than 50 years</td> </tr> <tr> <td data-bbox="667 1093 810 1149">C2</td> <td data-bbox="810 1093 970 1149">More than 50 years</td> </tr> <tr> <td data-bbox="667 1149 810 1216">C3</td> <td data-bbox="810 1149 970 1216">More than 20 years</td> </tr> </tbody> </table>	Corrosivity Class	Galvanised Steel	C1	More than 50 years	C2	More than 50 years	C3	More than 20 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. 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 18th DECEMBER 2017

Place and date of issue