



Declaration of Performance

No. 004

1. **Product type:** Type AF
2. **Type, batch or serial no.:** ETA 15/0537
Batch no. See product packaging
3. **Intended use:** A High Slip Resistance clamp used to clamp together steel components.
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 15/0537
on the basis of: EAD No. 330080-00-0602 High Slip Resistance clamp (HSR) assembly
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-1140

9. Declared performance

Essential Characteristic	Performance				Harmonised technical specification																																															
Mechanical Resistance	<table border="1"> <thead> <tr> <th rowspan="2">Product</th> <th rowspan="2">Bolt property class</th> <th colspan="2">Slip resistance Fs,Rk (4 bolts) (kN)</th> <th rowspan="2">Tension resistance Ft,Rk (4 bolts) (kN)</th> </tr> <tr> <th>Painted*</th> <th>Galvanised</th> </tr> </thead> <tbody> <tr> <td>AF12</td> <td>8.8</td> <td>12</td> <td>14</td> <td>136</td> </tr> <tr> <td>AF16</td> <td>8.8</td> <td>25</td> <td>30</td> <td>214</td> </tr> <tr> <td>AF20</td> <td>8.8</td> <td>50</td> <td>60</td> <td>460</td> </tr> <tr> <td>AF24</td> <td>8.8</td> <td>80</td> <td>96</td> <td>700</td> </tr> <tr> <td>AF12</td> <td>10.9</td> <td>16</td> <td>20</td> <td>160</td> </tr> <tr> <td>AF16</td> <td>10.9</td> <td>42</td> <td>44</td> <td>284</td> </tr> <tr> <td>AF20</td> <td>10.9</td> <td>75</td> <td>90</td> <td>520</td> </tr> <tr> <td>AF24</td> <td>10.9</td> <td>110</td> <td>140</td> <td>750</td> </tr> </tbody> </table> <p><i>*Shot blast to Swedish standard SA2½, then painted one coat oxide primer</i></p>				Product	Bolt property class	Slip resistance Fs,Rk (4 bolts) (kN)		Tension resistance Ft,Rk (4 bolts) (kN)	Painted*	Galvanised	AF12	8.8	12	14	136	AF16	8.8	25	30	214	AF20	8.8	50	60	460	AF24	8.8	80	96	700	AF12	10.9	16	20	160	AF16	10.9	42	44	284	AF20	10.9	75	90	520	AF24	10.9	110	140	750	EAD No. 330080-00-0602 ETA - 15/0537 Section 4.1
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Dimensional Stability	The tolerances for dimensions / size are defined in the ETA.				EAD No. 330080-00-0602 ETA - 15/0537 Section 6.1.2 and Annexes																																															
Reaction to fire	A1 (Steel)				EN 13501-1																																															
Durability	<table border="1"> <thead> <tr> <th>Corrosivity Class</th> <th>Galvanised Steel</th> </tr> </thead> <tbody> <tr> <td>C1</td> <td>More than 50 years</td> </tr> <tr> <td>C2</td> <td>More than 50 years</td> </tr> <tr> <td>C3</td> <td>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. 330080-00-0602 ETA - 15/0537 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