



## Declaration of Performance

No. 004

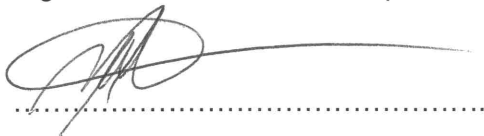
1. **Product type:** Type AF
2. **Type, batch or serial no.:** AF12/AF16/AF20/AF24  
Batch no. See product packaging
3. **Intended use:** A High Slip Resistance clamp used to clamp together steel components.
4. **Manufacturer:** Lindapter International  
Lindsay House,  
Brackenbeck Road  
Bradford,  
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:**  
**issued:** ETA 20/0918  
**on the basis of:** EAD No. 330080-00-0602 High Slip Resistance clamp (HSR) assembly  
**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-1140

## 9. Declared performance

Essential Characteristic	Performance	Harmonised technical specification																																																				
Mechanical Resistance	<table><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><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 colspan="5"></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></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 – 20/0918 Section 3.1 Annex 9
Product	Bolt property class			Slip resistance Fs,Rk (4 bolts) (kN)			Tension resistance Ft,Rk (4 bolts) (kN)																																															
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Dimensional Stability	The tolerances for dimensions / size are defined in the ETA.	EAD No. 330080-00-0602 ETA – 20/0918 Annex 3																																																				
Reaction to fire	A1 (Steel)	EN 13501-1																																																				
Durability	<table><tr><th>Corrosivity Class</th><th>Galvanised Steel</th></tr><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></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 – 20/0918 Annex 3																																																				

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