

## **Declaration of Performance**

No. 005

1. Product type:

Type AAF

2. Type, batch or serial no.:

AAF12/AAF16/AAF20

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:

Technicky a zkusebni ustav stavebni Praha, s.p. Prosecka 811/76a

190 00 Prague Czech Republic

issued:

ETA 20/0918

on the basis of:

EAD No. 330080-00-0602 High Slip Resistance clamp

(HSR) and Girder Clamp 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

under system:

2+

and issued the Factory
Production Control certificate

2812-CPR-1140

number:

## 9. Declared performance

Essential Characteristic		,	Performa	nce		Harmonised technical specification
Mechanical Resistance	Product Bolt Slip resistance Tension					EAD No. 330080-00-
		property class		4 bolts) (kN) Galvanised	resistance Ft,Rk (4 bolts)	0602 ETA – 20/0918 Section 3.1
					(kN)	Annex 9 & 10
	AAF12	8.8	12	14	136	
	AAF16 AAF20	8.8	25 50	30 60	214 460	-
	AAIZU	0.0	] 30	00	400	
	AAF12	10.9	16	20	160	11
	AAF16	10.9	42	44	284	
	AAF20	10.9	75	90	520	
		maximum	tension for	ension (k=0)		
	Number of cycles		Design resistances <i>F</i> <sub>t,Rd</sub> per 4 bolt connec (Property class 8		tion	
·			AAF12	AAF16	AAF20	
	from	up to	(kN)	(kN)	(kN)	
		1 x 10 <sup>4</sup>	108.00	171.00	368.00	
	1 x 10 <sup>4</sup>	2 x 10 <sup>4</sup>	78.26	145.75	227.44	
	2 x 10 <sup>4</sup>	6 x 10 <sup>4</sup>	54.26	101.05	157.69	
	6 x 10 <sup>4</sup>	2 x 10 <sup>5</sup>	36.32	67.65	105.57	
	2 x 10 <sup>5</sup>	6 x 10 <sup>5</sup>	25.19	46.91	73.20	
	6 x 10 <sup>5</sup>	2 x 10 <sup>6</sup>	16.86	31.40	49.00	
	2 x 10 <sup>6</sup>	5 x 10 <sup>6</sup>	14.43	23.14	36.11	
	5 x 10 <sup>6</sup>	1 x 10 <sup>7</sup>	10.81	20.13	31.42	
	1 x 10 <sup>7</sup>	1 x 10 <sup>8</sup>	9.41	17.53	27.35	
	Greater		6.82	12.70	19.83	
	than	1 x 10 <sup>8</sup>	0.02	12.70	10.00	
	than			ze are defined		EAD No. 330080-00- 0602 ETA – 20/0918 Annex 6
tability	than					330080-00- 0602 ETA – 20/0918
Dimensional Stability Reaction to fire Durability	The tolerar  A1 (Steel)  Corrosivi	nces for dim	ensions / si	ze are defined		330080-00- 0602 ETA – 20/0918 Annex 6
tability eaction to fire	The tolerar  A1 (Steel)  Corrosivi	nces for dim	ensions / si Galvanis More than 5	ze are defined  ed Steel O years		330080-00- 0602 ETA – 20/0913 Annex 6 EN 13501-1
tability	The tolerar  A1 (Steel)  Corrosivi	ty Class	ensions / si	ze are defined  ed Steel O years O years		330080-00- 0602 ETA – 20/0918 Annex 6 EN 13501-1

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 6
------------------------	--	---

**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:

Bradford UK, 1st March 2022

Michael Norris Managing Director

Place and date of issue

