Aztec International S.A.
60-080 Tarnowo Podgórne, Poland
ul. Sowia 13 C
Phone.: +48 618 67 60 84
Fax: +48 618 67 34 44
VAT identification number: 787-19-22-976
e-mail: aztec@aztec-international.eu

DECLARATION OF PERFORMANCE
No AI/FSBI48XL/2019

1. Unique identification code of the product-type:
   FS-BI-4,8 x L ; FS-BI-4,8 x L + 14 AL (14 SS)
2. Intended use/es: Screw for structural timber applications
3. Manufacturer: Aztec International S.A., ul. Sowia 13C, 62-080 Tarnowo Podgórne
4. System/s of AVCP: System 3
5. European Technical Assessment: ETA 18/0012
   Technical Assessment Body: Technický a zkušební ústav stavební Praha, s.p.
   Notified body: Technický a zkušební ústav stavební Praha, s.p. NB 1020
6. Declared performance/s:

$t_{N,II}$ [mm]		0,5	0,75	1,00	1,50	Wood class ≥ C24			*FS-BI-4,8 x L* *bimetal – head and body stainless steel 304 M, drill point – carbon steel 1022 or 1035*
$M_{t,nom}$		3 Nm				—	25,5 mm		
$V_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50	—	—	—	—	—	1,26	*bearing resistance of component I : S280GD, S320GD or S350GD – EN 10346 **bearing resistance of component II : structural timber – EN 14081	ETA 18/0012
	0,75	—	—	—	—	—	1,49		
	1,00	—	—	—	—	—	1,44		
	1,50	—	—	—	—	—	1,43		
$N_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50	—	—	—	—	—	1,83*	*bearing resistance of component II : structural timber – EN 14081 **bearing resistance of component I : S280GD, S320GD or S350GD – EN 10346	ETA 18/0012
	0,75	—	—	—	—	—	2,14**		
	1,00	—	—	—	—	—	2,14**		
	1,50	—	—	—	—	—	2,14**		

$t_{N,II}$ [mm]		0,5	0,75	1,00	1,50	Wood class ≥ C24			*FS-BI-4,8 x L + 14 AL (14 SS)* *bimetal – head and body stainless steel 304 M, drill point – carbon steel 1022 or 1035; EPDM sealing ring with metal top made of aluminium or stainless steel*
$M_{t,nom}$		3 Nm				—	25,5 mm		
$V_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50	—	—	—	—	—	1,26	*bearing resistance of component I : S280GD, S320GD or S350GD – EN 10346 **bearing resistance of component II : structural timber – EN 14081	ETA 18/0012
	0,75	—	—	—	—	—	1,49		
	1,00	—	—	—	—	—	1,44		
	1,50	—	—	—	—	—	1,43		
$N_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50	—	—	—	—	—	2,14**	*bearing resistance of component II : structural timber – EN 14081 **bearing resistance of component I : S280GD, S320GD or S350GD – EN 10346	ETA 18/0012
	0,75	—	—	—	—	—	2,14**		
	1,00	—	—	—	—	—	2,14**		
	1,50	—	—	—	—	—	2,14**		

7. The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
Barbara Kamczycka
Tarnowo Podgórne, 5 May 2020.

Barbara Kamczycka
Quality Manager
Aztec International S.A.