



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: **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**

Notified body: **Technický a zkušební ústav stavební Praha, s.p. NB 1020**

6. Declared performances:

$t_{N,II}$ [mm]	0,5	0,75	1,00	1,50	Wood class \geq C24			<i>FS-BI-4,8 x L bimetal – head and body stainless steel 304 M, drill point – carbon steel 1022 or 1035</i>	
$M_{t,nom}$	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 \geq C24			<i>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</i>	
$M_{t,nom}$	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**			

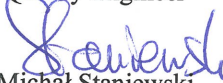
The performance of the product identified above is in conformity with the set of declared performance/s.
 This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Tarnowo Podgórne, 08.10.2021

Aztec International S.A.
 62-080 Tarnowo Podgórne, ul. Sowia 13 C
 tel. 61 867 60 84, fax 61 867 34 44
 NIP: 787-19-22-976 REGON 634231705

Quality Engineer


 Michał Staniewski