

## DECLARATION OF PERFORMANCE

### No AI/FS48XL/2019

1. Unique identification code of the product-type: **FS-4,8 x L; FS-4,8 x L + 14 AL (16 AL)**
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:

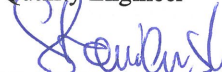
$t_{N,II}$ [mm]	0,5	0,75	1,00	1,50	Wood class $\geq$ C24		FS-4,8 x L Carbon steel 1022	
$M_{t,nom}$	3 Nm				18,5 mm	25,5 mm		
$V_{R,k}$ [kN] for $t_{N,j}$ [mm]	0,50	—	—	—	1,18	1,38	*bearing resistance of component I : S280GD, S320GD or S350GD – EN 10346 **bearing resistance of component II : structural timber – EN 14081	ETA 18/0012
	0,75	—	—	—	1,18	1,39		
	1,00	—	—	—	1,18	1,36		
	1,50	—	—	—	1,18	1,47		
$N_{R,k}$ [kN] for $t_{N,j}$ [mm]	0,50	—	—	—	1,50**	1,58*	*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	—	—	—	1,50**	1,94**		
	1,00	—	—	—	1,50**	1,94**		
	1,50	—	—	—	1,50**	1,94**		
$t_{N,II}$ [mm]	0,5	0,75	1,00	1,50	Wood class $\geq$ C24		FS-4,8 x L + 14 AL (16 AL) Carbon steel 1022; EPDM sealing ring with metal top made of aluminium	
$M_{t,nom}$	3 Nm				18,5 mm	25,5 mm		
$V_{R,k}$ [kN] for $t_{N,j}$ [mm]	0,50	—	—	—	1,18	1,38	*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	—	—	—	1,18	1,39		
	1,00	—	—	—	1,18	1,36		
	1,50	—	—	—	1,18	1,47		
$N_{R,k}$ [kN] for $t_{N,j}$ [mm]	0,50	—	—	—	1,50**	1,94**	*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	—	—	—	1,50**	1,94**		
	1,00	—	—	—	1,50**	1,94**		
	1,50	—	—	—	1,50**	1,94**		

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