



DECLARATION OF PERFORMANCE

No AI/FSSS48XL/2019

1. Unique identification code of the product-type: **FS-SS-4,8 x L; FS-SS-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-SS-4,8 x L stainless steel SS 410</i>	
$M_{t,nom}$	3 Nm				—	26,5 mm		
$V_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50	—	—	—	—	1,19	*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	—	—	—	—	1,46		
	1,00	—	—	—	—	1,46		
	1,50	—	—	—	—	1,55		
$N_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50	—	—	—	—	2,05*	*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	—	—	—	—	2,06**		
	1,00	—	—	—	—	2,06**		
	1,50	—	—	—	—	2,06**		
$t_{N,II}$ [mm]	0,5	0,75	1,00	1,50	Wood class \geq C24		<i>FS-SS-4,8 x L + 14 AL (14 SS) stainless steel SS 410; EPDM sealing ring with metal top made of aluminium or stainless steel</i>	
$M_{t,nom}$	3 Nm				—	26,5 mm		
$V_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50	—	—	—	—	1,19	*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	—	—	—	—	1,46		
	1,00	—	—	—	—	1,46		
	1,50	—	—	—	—	1,55		
$N_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50	—	—	—	—	2,05*	*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	—	—	—	—	2,06**		
	1,00	—	—	—	—	2,06**		
	1,50	—	—	—	—	2,06**		

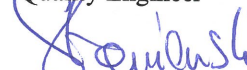
The performance of the product identified above is in conformity with the set of declared performance/s.
 This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Tarnowo Podgórne, 08.10.2021

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