



DECLARATION OF PERFORMANCE

No AI/FS48XLWING/2019

1. Unique identification code of the product-type:
FS-4,8 x L WING; FS-4,8 x L WING + 16 AL
2. Intended use/es: Screw for structural timber applications
3. Manufacturer: Aztec International S.A., ul. Sowia 13C, 62-080 Tarnowo Podgórze
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 \geq C24			FS-4,8 x L WING Carbon steel 1022
$M_{t,nom}$	3 Nm				—	25,5 mm		
$V_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50	—	—	—	—	1,46	*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	—	—	—	—	1,44		
	1,00	—	—	—	—	1,57		
	1,50	—	—	—	—	1,62		
$N_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50	—	—	—	—	0,78**	*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	—	—	—	—	0,78**		
	1,00	—	—	—	—	0,78**		
	1,50	—	—	—	—	0,78**		
$t_{N,II}$ [mm]	0,5	0,75	1,00	1,50	Wood class \geq C24			FS-4,8 x L WING + 16 AL Carbon steel 1022; EPDM sealing ring with metal top made of aluminium
$M_{t,nom}$	3 Nm				—	25,5 mm		
$V_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50	—	—	—	—	1,46	*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	—	—	—	—	1,44		
	1,00	—	—	—	—	1,57		
	1,50	—	—	—	—	1,62		
$N_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50	—	—	—	—	0,78**	*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	—	—	—	—	0,78**		
	1,00	—	—	—	—	0,78**		
	1,50	—	—	—	—	0,78**		

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 Podgórze, 5 May 2020.


 Barbara Kamczycka
 Quality Manager
 Aztec International S.A.