

## DECLARATION OF PERFORMANCE

### No AI/FS48XLWING/2019

1. Unique identification code of the product-type: **FS-4,8xL WING; FS-4,8xL WING + 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:

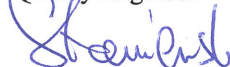
$t_{N,II}$ [mm]	0,5	0,75	1,00	1,50	Wood class $\geq$ C24			FS-4,8 x L WING Carbon steel 1022
$M_{t,nom}$	3 Nm				—	25,5 mm	<del>XXXXXX</del>	
$V_{R,k}$ [kN] $t_{N,I}$ [mm]	0,50	—	—	—	—	1,46	*bearing resistance of component I : S280GD, S320GD or S350GD – EN 10346 **bearing resistance of component II : structural timber – EN 14081	ETA 18/0012
	0,75	—	—	—	—	1,44		
	1,00	—	—	—	—	1,57		
	1,50	—	—	—	—	1,62		
$N_{R,k}$ [kN] $t_{N,I}$ [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	<del>XXXXXX</del>	
$V_{R,k}$ [kN] $t_{N,I}$ [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] $t_{N,I}$ [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**		

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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