

DECLARATION OF PERFORMANCE

No AI/FS50XLPAN/2019

1. Unique identification code of the product-type: **FS-5,0x L PAN; FS-5,0 x L PAN + 14 ALM**
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:

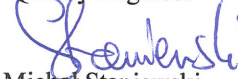
$t_{N,II}$ [mm]	0,5	0,75	1,00	1,50	Wood class \geq C24			FS-5,0 x L PAN Carbon steel 1022
$M_{t,nom}$	1,5 Nm				—	25,3 mm	XXXXXXXXXX	
$V_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50	—	—	—	—	1,16	*bearing resistance of component I : S280GD, S320GD or S350GD – EN 10346 **bearing resistance of component II : structural timber – EN 14081	ETA 18/0012
	0,75	—	—	—	—	1,97		
	1,00	—	—	—	—	2,27		
	1,50	—	—	—	—	—		
$N_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50	—	—	—	—	1,61**	*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	—	—	—	—	1,61**		
	1,00	—	—	—	—	1,61**		
	1,50	—	—	—	—	—		
$t_{N,II}$ [mm]	0,5	0,75	1,00	1,50	Wood class \geq C24			FS-5,0 x L PAN + 14 ALM Carbon steel 1022; EPDM sealing ring with metal top made of aluminium
$M_{t,nom}$	1,5 Nm				—	25,3 mm	XXXXXXXXXX	
$V_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50	—	—	—	—	1,16	*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	—	—	—	—	1,97		
	1,00	—	—	—	—	2,27		
	1,50	—	—	—	—	—		
$N_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50	—	—	—	—	1,61**	*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	—	—	—	—	1,61**		
	1,00	—	—	—	—	1,61**		
	1,50	—	—	—	—	—		

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