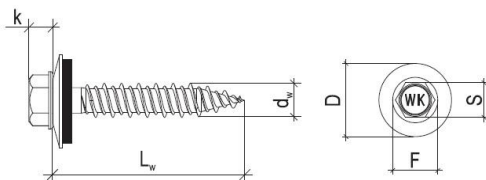


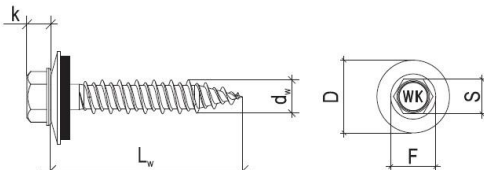
## DECLARATION OF PERFORMANCE No 26/SZ/16

- Unique identification code of the product-type: **WB6P, WB6Px, WB6P-D, A2-WB6P**
- Intended use/es: **Fastening screws for metal members and sheeting**
- Manufacturer: **KLIMAS Sp. z o.o.  
ul. Wincentego Witosa 135/137  
Kuźnica Kiedrzyńska 42-233 Mykanów**
- Authorised representative: **not applicable**
- System/s of AVCP: **system 2+**
- European Assessment Document:
  - European Assessment Document (EAD) 330046-01-0602 „Fastening screws for metal members and sheeting”**
  - European Technical Assessments – ETA-16/0443 of 30/06/2016**
  - Instytut Techniki Budowlanej**
  - Identification number of notified body- 1488**
- Declared performance/s:

Self-drilling screws with hexagon head and sealing washer WB6P-6,3 x L, WB6Px-6,3 x L, WB6P-D-6,3 x L											
<div>Material</div> <div>Fastener: carbon steel – SAE1022 or 19MnB4 quenched, tempered and galvanized</div> <div>Washer: EPDM sealing ring with metal top made of aluminium, coated carbon steel or stainless steel</div> <div>Component I: S280GD, S320GD or S350GD – EN 10346</div> <div>Component II: structural timber – EN 14081</div> <div>Drilling capacity: -</div> <div>Timber substructures</div> <div>For timber substructures performance assessed with</div> <div><math>M_{y,Rk} = 8,91 \text{ Nm}</math></div> <div><math>f_{ax,k} = 16,586 \text{ N/mm}^2</math> for <math>l_{ef} \geq 30 \text{ mm}</math></div>						<div></div> <div><math>d_w = 6,3 \text{ mm}</math> <math>L_w = 19-90 \text{ mm}</math> <math>s = 10 \text{ mm}</math> <math>k = 5,3 \text{ mm}</math></div>					
Characteristic resistance of shear and pull-out load											
$t_{N,II} [\text{mm}]$	0,50	0,55	0,63	0,75	0,88	1,00	1,25	1,50	Wood class $\geq \text{C24}$		
$M_{t,nom}$	3 Nm								20 mm	30 mm	
Resistance of shear load $V_{R,k} [\text{kN}]$ for $t_{N,II} [\text{mm}]$	0,50	—	—	—	—	—	—	—	—	1,35*	*bearing resistance of component I
	0,55	—	—	—	—	—	—	—	—	1,35*	
	0,63	—	—	—	—	—	—	—	—	1,70*	
	0,75	—	—	—	—	—	—	—	—	2,10*	
	0,88	—	—	—	—	—	—	—	—	2,10*	
	1,00	—	—	—	—	—	—	—	—	2,10*	
	1,13	—	—	—	—	—	—	—	—	2,10*	
	1,25	—	—	—	—	—	—	—	—	2,10*	
	1,50	—	—	—	—	—	—	—	—	2,10*	
	1,75	—	—	—	—	—	—	—	—	2,10*	
	2,00	—	—	—	—	—	—	—	—	2,10*	

## DECLARATION OF PERFORMANCE No 26/SZ/16

Resistance of pull-out load $N_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50	—	—	—	—	—	—	—	—	—	3,13*	*bearing resistance of component II
	0,55	—	—	—	—	—	—	—	—	—	3,13*	
	0,63	—	—	—	—	—	—	—	—	—	3,13*	
	0,75	—	—	—	—	—	—	—	—	—	3,13*	
	0,88	—	—	—	—	—	—	—	—	—	3,13*	
	1,00	—	—	—	—	—	—	—	—	—	3,13*	
	1,13	—	—	—	—	—	—	—	—	—	3,13*	
	1,25	—	—	—	—	—	—	—	—	—	3,13*	
	1,50	—	—	—	—	—	—	—	—	—	3,13*	
	1,75	—	—	—	—	—	—	—	—	—	3,13*	
	2,00	—	—	—	—	—	—	—	—	—	3,13*	

Self-drilling screws with hexagon head and sealing washer A2-WB6P-6,3 x L											
<u>Material</u> Fastener: stainless steel – SAE 304 bi-metal  Washer: EPDM sealing ring with metal top made of aluminium or stainless steel  Component I: S280GD, S320GD or S350GD – EN 10346  Component II: structural timber – EN 14081						 <div><math>d_w = 6,3 \text{ mm}</math> <math>L_w = 19-90 \text{ mm}</math> <math>s = 10 \text{ mm}</math> <math>k = 5,3 \text{ mm}</math></div>					
Drilling capacity: -											
<u>Timber substructures</u> For timber substructures performance assessed with $M_{y,Rk} = 6,83 \text{ Nm}$ $f_{ax,k} = 16,586 \text{ N/mm}^2$ for $l_{ef} \geq 30 \text{ mm}$											
Characteristic resistance of shear and pull-out load											
$t_{N,II} \text{ [mm]}$	0,50	0,55	0,63	0,75	0,88	1,00	1,25	1,50	Wood class $\geq$ C24		
$M_{t,nom}$	3 Nm								20 mm	30 mm	
Resistance of shear load $V_{R,k} \text{ [kN]}$ for $t_{N,I} \text{ [mm]}$	0,50	—	—	—	—	—	—	—	—	1,35*	*bearing resistance of component I
	0,55	—	—	—	—	—	—	—	—	1,35*	
	0,63	—	—	—	—	—	—	—	—	1,70*	
	0,75	—	—	—	—	—	—	—	—	2,10*	
	0,88	—	—	—	—	—	—	—	—	2,10*	
	1,00	—	—	—	—	—	—	—	—	2,10*	
	1,13	—	—	—	—	—	—	—	—	2,10*	
	1,25	—	—	—	—	—	—	—	—	2,10*	
	1,50	—	—	—	—	—	—	—	—	2,10*	
	1,75	—	—	—	—	—	—	—	—	2,10*	
2,00	—	—	—	—	—	—	—	—	—	2,10*	

## DECLARATION OF PERFORMANCE No 26/SZ/16

Resistance of pull-out load N <sub>R,k</sub> [kN] for t <sub>N,i</sub> [mm]	0,50										3,13*	*bearing resistance of component II
	0,55	—	—	—	—	—	—	—	—	—	3,13*	
	0,63	—	—	—	—	—	—	—	—	—	3,13*	
	0,75	—	—	—	—	—	—	—	—	—	3,13*	
	0,88	—	—	—	—	—	—	—	—	—	3,13*	
	1,00	—	—	—	—	—	—	—	—	—	3,13*	
	1,13	—	—	—	—	—	—	—	—	—	3,13*	
	1,25	—	—	—	—	—	—	—	—	—	3,13*	
	1,50	—	—	—	—	—	—	—	—	—	3,13*	
	1,75	—	—	—	—	—	—	—	—	—	3,13*	
	2,00	—	—	—	—	—	—	—	—	—	3,13*	

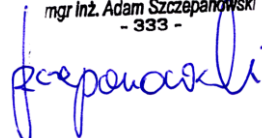
8. Appropriate Technical Documentation and/or Specific Technical Documentation: **not applicable**

*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:*

*Kuźnica Kiedrzyńska*  
*24.08.2016r.*  
(place and date of issue)

*Adam Szczepanowski*  
DORADCA TECHNICZNY

*mgr inż. Adam Szczepanowski*  
- 333 -  


(signature)