KLIMAS Sp. z o.o.
ul. Wincentego Witosa 135/137
Kuźnica Kiedrzyńska 42-233 Mykanów
tel. +48 34 3777 100, fax +48 34 328 01 73

CE 19 0796

DECLARATION OF PERFORMANCE No WKSS/21

1. Unique identification code of the product-type: **WKSS**
2. Intended use/es: **Screws for use in timber constructions**
3. Manufacturer: **Klimas Sp. z o.o.**
   ul. Wincentego Witosa 135/137
   Kuźnica Kiedrzyńska 42-233 Mykanów
4. Authorised representative: **not applicable**
5. System/s of AVCP: **system 3**
6. European Assessment Document: **EAD 130118-00-0603 10/2016**
   European Technical Assessment: **ETA-18/0817 17/01/2019**
   Technical Assessment Body: **DEUTSCHES INSTITUT FÜR BAUTECHNIK**
   Notified body/ies: **0769**
7. Declared performance/s:

Essential characteristic	Performance							
Dimensions	ø	[mm]	**6**					
Characteristic yield moment	$M_{y,k}$	[Nm]	10					
Bending angle	max.	[°]	33					
Characteristic withdrawal parameter	$f_{ax,k}$	[N/mm²]	12					
Characteristic head pull-through parameter	$f_{head,k}$	[N/mm²]	9,4					
Characteristic tensile strength	$f_{tens,k}$	[kN]	13					
Characteristic yield strength	$f_{y,k}$	[N/mm²]	NPD					
Characteristic torsional strength	$f_{tor,k}$	[Nm]	10					
Insertion moment	$R_{tor,k}$	[Nm]	ok					
Spacing, end and edge distances of the screws and minimum thickness of the wood based material								
Min. distance and thickness [mm]	a_1	$a_{3,t}$	$a_{3,c}$	a_2	$a_{4,t}$	$a_{4,c}$	$T_{min.}$	
Plane surface (for ø6)	24	36	36	15	36	15	24	
Edge surface (for ø6)	60	72	42	24	36	18		

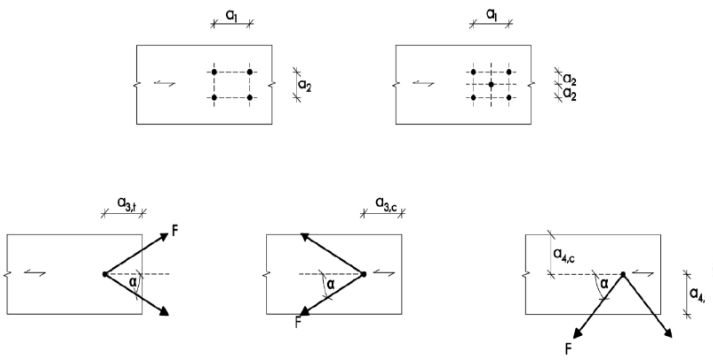

Figure A.2.1 Definition of spacing, end and edge distances in the plane surface of the cross laminated timber:

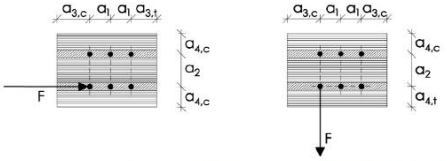

Figure A.2.2 Definition of spacing, end and edge distances in the edge surface of the cross laminated timber. For screws in the edge surface, a_1 and a_3 are parallel to the CLT plane face, a_2 and a_4 perpendicular to CLT plane face.

Slip modulus	Kser	[N/mm]	25 x l_{ef} x d
Reaction to fire	Class A1		

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
15.06.2021

[place]
[date of issue]

DORADCA TECHNICZNY
mgr inż. Adam Szczepanowski
- 333 -

[name]
[signature]