

Declaration of Performance

DBK_MAGNUMBOARD_CPR_2022_001

- English Version -

Unique identification code of the product type:

SWISS KRONO MAGNUMBOARD 75 mm SWISS KRONO MAGNUMBOARD 100 mm **SWISS KRONO MAGNUMBOARD 125 mm** SWISS KRONO MAGNUMBOARD 150 mm SWISS KRONO MAGNUMBOARD 175 mm SWISS KRONO MAGNUMBOARD 200 mm SWISS KRONO MAGNUMBOARD 225 mm **SWISS KRONO MAGNUMBOARD 250 mm**

2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Wall, roof and floor element made of glued layers of OSB-boards for load bearing and stiffening applications in dry and humid conditions

3. Name, registered trade name or trademark and contact address of the manufacturer as required under Article 11(5):

> **HOUTMASSIEFBOUW-SAWCO NV** Amersveldestraat 192 8610 KORTEMARK - HANDZAME Belgium

Fon.: +32 51 56 60 25 0477 48 59 76

- 4. System or systems for assessing and verifying constancy of performance of the construction product as set out in CPR, Annex V: System 1
- 5. In case the declaration of performance concerns a construction product covered by a harmonised standard:

not applicable

5a. The product is covered on a European Technical Approval, notified body:

WKI - Wilhelm Klauditz Institute for Wood Research, Bienroder Weg 54 E, 38108 Braunschweig, Germany - notified body No. 0765.

6. Declared performance:

Essential						
characteristics Characteristics	Performance					Harmonised technical specification
Bending modulus of elasticity Bending Tensile force Compression	Configuration: Made of at least three and max. ten layers of OSB glued together in the same axis – elements acc. to ETA 13/0784. The characteristic values are available in the ETA 13/0784, Appendix A.3.1 and A.3.2.					ETA 13/0784
Shear strenght						
Formaldehyde release Reaction to fire	E1 (100% formalde Class (without floo ing)	or-	oinders) ass (flooring)			
	D-s2,d0		D _{fl,s1}			
Water vapour permeability	μ -Wert = 688					
Thermal conductivity	0,13 W/mK					
Load duration factor	Modification factors for the duration of load and moisture content \mathbf{k}_{mod}					
	Load duration fact	tor	Service class			
			1	2		
	Constant		0,40	0,30		
	Long		0,50	0,40		
	Moderately long	3	0,70	0,55		
	Brief		0,90	0,70		
	Very brief		1,10	0,90		
	Values for calculating the deformation coefficients \mathbf{k}_{def} under a constant or nearly constant load					
	Service class					
	1	2				
	1,5	2,25				
Glue strenght	Glue Type I acc. to EN 15425 (PUR), approved by DIBt, Berlin					
Additional characterisics	Acc. to ETA 13/0784					

7. The product's performance as declared in section 1 of this document corresponds to the performance as declared in section 6.

The manufacturer given in section 3 takes full responsibility for preparing this declaration of performance.

Signed for the manufacturer and on behalf of the manufacturer by: H. Pomel

(Name, Position)

Handzame, 2.2.2022 (Place and date of issue)

HOUTMASSIEFBOUW-SAWCO NV, Amersveldestraat 192,