

Declaration of Performance

№ KUA_OSB/3_CPR_002

In accordance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonized conditions for the marketing of construction products and repealing Council Directive 89/106/EEC.

1. Unique identification code of the product-type:

Kronoukraine / Kronoply OSB/3

8-10 mm: KUA_OSB/3 (1)

>10-18 mm: KUA_OSB/3 (2)

>18-25 mm: KUA_OSB/3 (2)

2. Intended use:

For load bearing boards for use in humid conditions

3. Manufacturer:

Swiss Krono LLC

Y. Mudrogo Str. 62

80400, Kamianka-Buska, Lviv Region

Ukraine

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 2+

5. Harmonised standard:

EN 13986:2004 + A 1 2015

Notified body:

**Fraunhofer-Institute for Wood Research WKI, Bienroder Weg 54E,
D-38108 Braunschweig, Germany – notified body no. 0765**

6. Declared performance

Essential characteristics according EN 13986:2004 + A 1 2015

Essential characteristics		KUA_OSB/3 (1)	KUA_OSB/3 (2)	KUA_OSB/3 (3)	Harmonized technical specification
Thickness range		8 - 10 mm	> 10 - 18 mm	> 18 - 25 mm	EN 12369-1:2001
Bending, N/mm²	$f_{m,0}$	18.0	16.4	14.8	
	$f_{m,90}$	9.0²	8.2	7.4	
Tension, N/mm²	$f_{t,0}$	9.9	9.4	9.0	
	$f_{t,90}$	7.2	7.0	6.8	
Compression, N/mm²	$f_{c,0}$	15.9	15.4	14.8	
	$f_{c,90}$	12.9	12.7	12.4	
Planar Shear, N/mm²	f_r	1.0	1.0	1.0	
Panel Shear, N/mm²	f_v	6.8	6.8	6.8	
Modulus of elasticity, N/mm²	$E_{m,0}$	4930	4930	4930	
	$E_{m,90}$	1980	1980	1980	
Modulus of Tension, N/mm²	$E_{t,0}$	3800	3800	3800	
	$E_{t,90}$	3000	3000	3000	
Modulus of Compression, N/mm²	$E_{c,0}$	3800	3800	3800	
	$E_{c,90}$	3000	3000	3000	
Modulus of Planar Shear, N/mm²	G_r	50	50	50	
Modulus of Panel Shear, N/mm²	G_v	1080	1080	1080	
Thermal conductivity λ , W /(m*K)		0.13	0.13	0.13	EN 13986:2004+A1 2015
Durability (swelling in thickness), %		≤ 15	≤ 15	≤ 15	EN 317
Durability (moisture resistance), (Internal bond after boiling test), N/mm2		0.15	0.13	0.12	EN 319, EN 1087-1
Density, kg/m³	δ	≥ 600	≥ 600	≥ 600	EN 323
Release of formaldehyde		Class E1 (release ≤ 0.124 mg/m³ air)			EN 717-1
Reaction to fire		-	D-s2, d0	D-s2, d0	EN 13986:2004+A1 2015
Biological Hazard Classes		Use class 1 + 2	Use class 1 + 2	Use class 1 + 2	EN 335-2:2010
Water vapour resistance factor μ , dry/wet		50/30	50/30	50/30	EN 13986:2004+A1 2015
Pentachlorophenol content		Do not use PCP-containing components			
Racking resistance		Acc. To EN 1995-1-1, Ch. 9.2			
Embedment strength		Acc. To EN 1995-1-1, Ch. 8			
Airborne sound insulation		According to table 10, EN 13986:2004+A1 2015			
Sound absorption coefficient		250Hz-500Hz: 0,10			EN 13986:2004+A1 2015
		1000 Hz-2000 Hz: 0,25			

7. The performance of the product identified above is in conformity with the set of declared performances. 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:

Andrzej Zajac (General Manager)

Iryny Lytvyn (Specialist in quality)

Kamianka-Buska, 01.11.2022

