



C E R T I F I C A T E

NR 9/327/2022

1. **Name of product :** **Particleboards**
2. **Customer :** Swiss Krono LLC
Ya. Mudroho St. 62
80400 Kamianka-Buska
Lviv region, Ukraine
3. **Producer:** **Swiss Krono LLC, Ya. Mudroho St. 62**
80400 Kamianka-Buska, Lviv region, Ukraine
Production line: Swiss Krono LLC
77611, Ivano-Frankivsk region, Broshniv-Osada,
22 Sichnya St., 83, Ukraine
4. **Particulars on the product:**
 - date of delivery research in OB-RPPD: 28.10.2022.
 - thickness: 18 mm
 - **acc. to the same technology are produced Swiss Krono LLC particleboard from 15 to 22 mm thickness**
5. **Specification of the determined substances:** **formaldehyde**
6. **Method and conditions of the tests:**
EN 16516:2017+A1:2020
 - method of the determination: chamber method (chamber capacity 0,225 m³)
 - tests conditions
 - temperature (23 ± 1)°C
 - relative humidity of the air (50 ± 5) %
 - air exchange rate: (0,5 ± 0,025)/h
 - air velocity at the surface of the specimen: (0,1 to 0,3) m/s
 - loading of chamber with the test material 1,8 m²/1 m³,
 - determination of the formaldehyde - spectrophotometric method,
application of the acetylacetone
 - Results of the test includes: Test Report No 11729/327/2022
7. **Quantity of emission formaldehyde:**

Thickness (mm)	Date of the measurement	equivalent concentration of formaldehyde in the air of chamber	
		(µg/m ³)	(ppm)
18	28.10. ÷ 25.11.2022	109	0,088

8. **Statement:**
Obtained value of emission is ≤ 0,1 ppm, so the tested product compiles with requirements contained in IKEA Specification IOS-MAT-0181-3 dated: 2020-07-06 end requirement of German Chemikalien-Verbotsverordnung for wood based materials.

Czarna Woda, 29.11.2022

OB - RPPD spółka z o.o.
Kierownik
Laboratorium Badawczego

mgr inż.  Mirosława Mrozek