



## C E R T I F I C A T E

NR 11/45/2019

1. **Name of product :** *Particleboards Type P3 for use in humid conditions*
2. **Customer :** *Kronospan Polska Sp. z o.o.  
ul. Waryńskiego 1, 78-400 Szczecinek*
3. **Producer:** *Kronospan Polska Sp. z o.o.  
ul. Waryńskiego 1, 78-400 Szczecinek*
4. **Particulars on the product:**
  - date of production: 02.10.2019
  - date of delivery research in OB-RPPD: 09.10.2019.
  - thickness: 16 mm
  - **acc. to the same technology are produced Kronospan Polska Sp. z o.o. particleboards Type P3 more than 13 up to 20 mm thickness**
5. **Specification of the determined substances:** *formaldehyde*
6. **Method and conditions of the tests:**  
**PN-EN 717-1:2006**
  - method of the determination: chamber method ( chamber capacity 0,225 m<sup>3</sup>)
  - tests conditions
    - temperature (23 ± 0,5)°C
    - relative humidity of the air (45 ± 3) %
    - number of exchanges the air per hour 1
    - loading of chamber with the test material 1 m<sup>2</sup>/1 m<sup>3</sup>,
    - determination of the formaldehyde - spectrophotometric method,  
application of the acetylacetone
  - conditions and results of the test includes: Test Report No 8899/45/2019
7. **Date of the measurement:** *31.10. ÷ 06.11.2019.*
8. **Quantity of emission formaldehyde:**

| Thickness<br>(mm) | Date of the<br>measurement | equivalent concentration of<br>formaldehyde in the air of chamber |       |
|-------------------|----------------------------|---|-------|
|                   |                            | (mg/m <sup>3</sup> )  | (ppm) |
| 16                | 31.10. ÷ 06.11.2019        | 0,042   | 0,034 |

9. **Statement:**  
**The test results confirm the classification in emission class E1 of the PN-EN 312:2011.**  
**Obtained value of emission is lower than 0,05 ppm, so the tested product compiles with German Chemical Prohibition Ordinance (ChemVerbotsV) §1(3) dated 2017-01-20 in connection with the Bekanntmachung analytischer Verfahren. published on 26 November 2018, BAnz AT 26.11.2018 B2.**

Czarna Woda, 06.11.2019

OB - RPPD spółka z o.o.  
Kierownik  
Laboratorium Badawczego  
*[Signature]*  
mgr inż. Mirosław Mrozek