

Certificate

No.: 961267-C1



**DANISH
TECHNOLOGICAL
INSTITUTE**

Gregersensvej
DK-2630 Taastrup
Tel. +45 72 20 20 00
Fax +45 72 20 20 19

info@teknologisk.dk
www.teknologisk.dk

Assignor: Falco Zrt
Zanati út 26, 9700 Szombathely, Hungary

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Reference.: 961267/HBK/JLE

Product: Wood based laminated particle board panels.

Sample 1: MG on PB (Grey - 16 mm). Product code: 17107. Production date: 17-12-2020.

Sample 2: Laminated PB (Y622 Grey Sonoma Oak - 18 mm). Product code: 10511.

Production date: 23-12-2020.

Sample 3: MG on MDF (7045 -Satin - 18mm). Product code: 26521. Production date: 11-11-2020.

Criteria: Formaldehyde emission requirements:

- $\leq 0.124 \text{ mg/m}^3$ (Formaldehyde class E1, EN 13986:2004+A1:2015, Wood-based panels for use in construction Characteristics, evaluation of conformity and marking.)
- $\leq 0.1 \text{ ppm}$ (IOS-MAT-0181 Specification: AA-2183046-3, Formaldehyde requirements of wood-based materials comprised in the German Prohibition of Chemicals Ordinance.)
- $\leq 0.1 \text{ ppm}$ (German Ordinance: Chemikalien-Verbotsverordnung vom 20. Januar 2017; BGBl. I S.94; 2018 I S. 1389)

Methods: EN 717-1:2004, reapproved 2014, Wood-based panels – Determination of formaldehyde release – Part 1: Formaldehyde emission by the chamber method.
EN 16516+A1:2020, Construction Products-Assessment of release of dangerous substances – Determination of emissions into indoor air.

Results: Formaldehyde emission testing was performed at Danish Technological Institute (DTI), DANAK accreditation no. 2. Test report number 949342-1-F to 6-F. The results are summarized in table 1 and comply with the criteria.

Table 1: Results formaldehyde emission EN 717-1 and EN 16516

Report No.	Sample No.	Method	Result [mg/m ³]	Result [ppm]	Result [ppm x 2.0]*
961267-1-F	Sample 1	EN 717-1	0.010	0.008	0.016
961267-4-F	Sample 1	EN 16516	0.040	0.032	-
961267-2-F	Sample 2	EN 717-1	0.013	0.010	0.020
961267-5-F	Sample 2	EN 16516	0.051	0.041	-
961267-3-F	Sample 3	EN 717-1	0.007	0.005	0.011
961267-6-F	Sample 3	EN 16516	0.030	0.024	-

*According to BAnz AT 26.11.2018 B2, EN 717-1 result shall be multiplied by a factor of 2.0.

Place: Danish Technological Institute, Building and Construction, Taastrup.

Signature: Date of issue 16 February 2021.

Test responsible