



CHEMICAL SAFETY DEPARTMENT

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**HYGIENIC EVALUATION OF THE PRODUCT:  
LAMINATED PARTICLEBOARD, TYPE P2: DECOBOARD P2 PYROEX  
IN NON-FLAMMABLE AND FLAME-RETARDANT VERSIONS**

**Subject of assessment** - Laminated particleboard EN 14322 and EN 312 Type P2: DecoBoard P2 Pyroex - produced in non-flammable (artfam 130) and flame-retardant (artfam 133) versions.

**Product application** – for furniture production, interior design and end use in accordance with the technical conditions to be met by the buildings

**Applicant institution** - distributor of the product - Pfeleiderer Polska sp. z o. o. with its registered office at ul. Strzegomska 42AB, 53 -611 Wrocław.

**Manufacturer** – laminated boards are produced in the following production plants:

- Pfeleiderer Wieruszów sp. z o. o. ul. Bolesławiecka 10, 98 -400 Wieruszów,
- Pfeleiderer Grajewo sp. z o. o. ul. Wiórowa 1, 19 -203 Grajewo.

On the basis of the documentation provided, including test results, the Institute of Occupational Medicine in Łódź states that under the expected conditions of use of the assessed product and after thorough ventilation of the rooms in which the product was used (until the odor disappears):

- components of the P2 type laminated particleboard: DecoBoard P2 Pyroex should not pose a threat to human health according to the current state of knowledge;
- laminated particleboard, type P2: DecoBoard P2 Pyroex meets the formaldehyde emission criteria set for class E1 products (compliance with E1 05);
- the product meets the requirements of hygiene regarding the concentration of formaldehyde specified for premises intended for permanent stay of patients in health service buildings and permanent stay of children and young people in school building and also for premises intended for storing of food products –

hereinafter referred as „the premises of A category”, according to the Ordinance of Minister of Health and Social Care on 12<sup>th</sup> March of 1996 *on the permissible concentrations and intensities of factors harmful to health, emitted by building materials, devices and elements of equipment in premises intended for people* (MP No. 19/1996 item 231) - assuming the load of the material amounts 1,0 m<sup>2</sup>/m<sup>3</sup> in relation to the room cubage;

- the product meets the requirements of hygiene regarding the concentration of formaldehyde specified for premises in public buildings other than those listed above and auxiliary premises in apartments – hereinafter referred as „the premises of B category”, according to the Ordinance of Minister of Health and Social Care on 12<sup>th</sup> March of 1996 *on the permissible concentrations and intensities of factors harmful to health, emitted by building materials, devices and elements of equipment in premises intended for people* (MP No. 19/1996 item 231) - assuming the load of the material amounts 2,0 m<sup>2</sup>/m<sup>3</sup> in relation to the room cubage.

The hygienic evaluation of the product does not concern working conditions and occupational hygiene during the assembly of product.

The hygienic evaluation of the product will expire in case of changes in the composition of the product or changes in technology process, as well as in case of significant changes in the study results on the basis of which this opinion has been developed.

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