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Dr. Dr/Bie-schu

EXPERT'S OPINION**3730 GD 21**

for **Resopal GmbH**
Hans-Böckler-Straße 4
64823 Groß-Umstadt / Germany

Product **RESOPAL® MFB**

RESOPAL® MFB is a melamine faced board (MFB) in accordance with EN 14322. The boards are chip boards in accordance with EN 312, and MDF boards in accordance with EN 622-5.

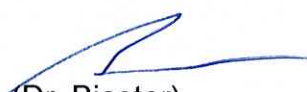
The product manufactured by the company mentioned above was examined according to JIS Z 2801 / ISO 22196 for its antibacterial efficacy. As test germs *Escherichia coli*, *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Pseudomonas aeruginosa*, *Salmonella enterica*, *Staphylococcus aureus* and *Staphylococcus aureus* MRSA were chosen. These organisms can cause infections in humans and animals. Especially in the clinical sector they are responsible for a variety of secondary infectious diseases.

The results are summarized in the test report 11154/36 dated 26 April 2021 of the company ISEGA Forschungs- und Untersuchungsgesellschaft Aschaffenburg, Germany.

After contact of the test bacteria for 24 h at 36 °C with the product mentioned above, a reduction of the microorganisms of ≥ 99.99 % compared to the initial number of bacteria at the beginning of the test was detected. Furthermore, a logarithmic reduction of ≥ 4.0 in comparison to the initial number of germs was determined.

These results verify a very high antibacterial activity of the product against the tested germs




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