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CERTIFICATE

Confirmation of the antimicrobial effectiveness of laminated boards “HPL GENTAS” and “HPL Duropal”

The evaluation of antimicrobial effectiveness of the antimicrobial equipped laminated boards “HPL GENTAS” and “HPL Duropal” was performed according to JIS Z 2801, 2010-12 / ISO 22196, 2011-08 with modifications.

The materials were challenged with the following test micro-organisms:

- Staphylococcus aureus ATCC 6538
- Escherichia coli ATCC 8739

The initial load was $1.2 - 3 \times 10^5$ cfu / sample.

After a 24 h contact time, a significant microbial reduction could be determined on the material for the test micro-organisms.

The following microbial reductions were evaluated after 24 h contact time for “HPL GENTAS”:

- Staphylococcus aureus ATCC 6538: > 5.08 log₁₀-levels (> 99.99 %)
- Escherichia coli ATCC 8739 : 3.94 log₁₀- levels (99.99 %)

The following microbial reductions were evaluated after 24 h contact time for “HPL Duropal”:

- Staphylococcus aureus ATCC 6538: > 5.08 log₁₀-levels (> 99.99 %)
- Escherichia coli ATCC 8739 : 3.51 log₁₀- levels (99.97 %)

With the test method applied, a strong antimicrobial activity was thus confirmed for both equipped materials.

If necessary the complete test report with the laboratory number 010621M150 can be requested at Pfeleiderer Polska sp.z o.o..

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