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CERTIFICATE

Confirmation of the antimicrobial effectiveness of laminated board “HPL Duropal”

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

The material was 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 Duropal”:

- Staphylococcus aureus ATCC 6538: $> 5.08 \log_{10}$ -levels ($> 99.99 \%$)
- Escherichia coli ATCC 8739 : $3.51 \log_{10}$ - levels (99.97%)

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

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

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