



Gesellschaft für
Produktionshygiene und
Sterilitätssicherung mbH

Talbotstr. 21
52068 Aachen
Deutschland / Germany
phone +49 (0) 241 51 00 50 - 0
fax +49 (0) 241 51 00 50 - 29
Email: info@gfps.de
http://www.gfps.de

CERTIFICATE

Confirmation of the antimicrobial effectiveness of laminated boards “DUROPAL HPL Worktops” and “Duropal Element P2”

The evaluation of antimicrobial effectiveness of the antimicrobial equipped laminated boards “DUROPAL HPL Worktops” and “Duropal Element P2” 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 “DUROPAL HPL Worktops”:

- Staphylococcus aureus ATCC 6538: $> 5.43 \log_{10}$ -levels ($> 99.99 \%$)
- Escherichia coli ATCC 8739 : $2.78 \log_{10}$ - levels (99.83 %)

The following microbial reductions were evaluated after 24 h contact time for “Duropal Element P2”:

- Staphylococcus aureus ATCC 6538: $> 5.43 \log_{10}$ -levels ($> 99.99 \%$)
- Escherichia coli ATCC 8739 : $2.63 \log_{10}$ - levels (99.76 %)

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

If necessary the complete test report with the laboratory number 300721M229 can be requested at Pfeleiderer Polska sp.z o.o..

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Janika Irle
Prüfleiterin

Janika Irle, biologist