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# CERTIFICATE

## Confirmation of the antimicrobial effectiveness of Melamine coating (Duropal HPL, melamine faced coating)

The evaluation of antimicrobial effectiveness of the antimicrobial equipped Melamine coating (Duropal HPL, melamine faced coating) 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,
- Staphylococcus aureus ATCC 700698 (= MRSA),
- Pseudomonas aeruginosa ATCC 15442,
- Escherichia coli ATCC 8739 und
- Salmonella enterica ssp. enterica NCTC 6017

The initial load was  $3 - 9 \times 10^5$  cfu / sample.

After a 24 h contact time, a germ reduction of more than  $3.3 \log_{10}$  levels could be determined on the material for all test micro-organisms.

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 030720M154 can be requested at Pfleiderer Deutschland GmbH.

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