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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<sub>10</sub> 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.

Aachen, 14.07.2020



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