

Test report  
**Test for antimicrobial activity and efficacy referring to JIS Z 2801 of  
 "Laminate and Compact trademark FORMICA"**

Test conditions

Test organisms

*Staphylococcus aureus* (ATCC 6538)  
*Escherichia coli* (ATCC 8739)  
*Candida albicans* (ATCC 10231)  
*Aspergillus brasiliensis* (ATCC 16404)

Method

referring to JIS Z 2801

Temperatur

36°C ± 2 °C

Incubation time

0 and 24 hours

Test item

"Laminate and Compact trademark FORMICA"

Control item

glass tiles

Results

Test organism	cfu*/ control surface 0 hours	cfu*/ control surface 24 hours	cfu*/ test surface 24 hours	Reduction [log]	Reduction [%]
<i>Staphylococcus aureus</i>	8,17 x 10 <sup>6</sup>	1,06 x 10 <sup>6</sup>	< 100	4,03	> 99,99
<i>Escherichia coli</i>	3,93 x 10 <sup>6</sup>	1,66 x 10 <sup>6</sup>	< 100	4,22	> 99,99
<i>Candida albicans</i>	6,30 x 10 <sup>5</sup>	4,27 x 10 <sup>4</sup>	< 100	2,63	> 99,77
<i>Aspergillus brasiliensis</i>	4,33 x 10 <sup>4</sup>	2,25 x 10 <sup>5</sup>	< 100	3,35	> 99,96

\*cfu = colony forming units

Evaluation

In the examination referring to JIS Z 2801 the tested material "Laminate and Compact trademark FORMICA" shows the required reduction of > 2 log against an inert control surface after 24 h of incubation for all of the tested organisms *Staphylococcus aureus*, *Escherichia coli*, *Candida albicans*, and *Aspergillus brasiliensis*.

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