

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 ⁶	1,06 x 10 ⁶	< 100	4,03	> 99,99
<i>Escherichia coli</i>	3,93 x 10 ⁶	1,66 x 10 ⁶	< 100	4,22	> 99,99
<i>Candida albicans</i>	6,30 x 10 ⁵	4,27 x 10 ⁴	< 100	2,63	> 99,77
<i>Aspergillus brasiliensis</i>	4,33 x 10 ⁴	2,25 x 10 ⁵	< 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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