

# microPLUS®

*redefining hygiene standards*



TEKF  RM




# *maximum protection*

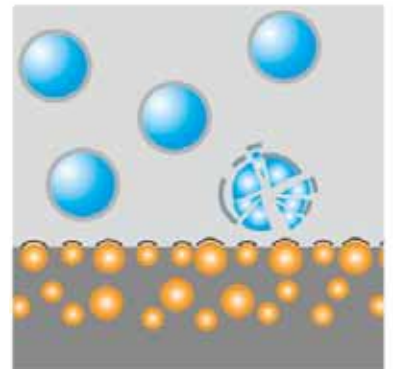
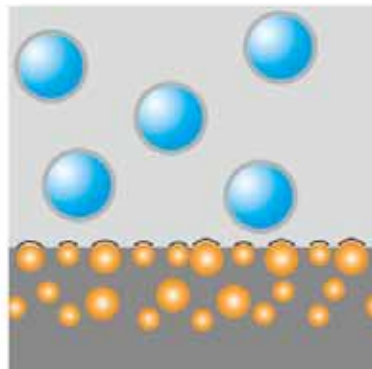
Exclusive to DUROPAL, microPLUS® HPL is a postformable, antibacterial and chemical resistant high pressure laminate (HPL). Providing life time protection from common bacteria such as, E-coli, Salmonella, Staphylococcus and Pseudomonas aeruginosa, successfully eradicating over 99% of these harmful bacteria within 24 hours.

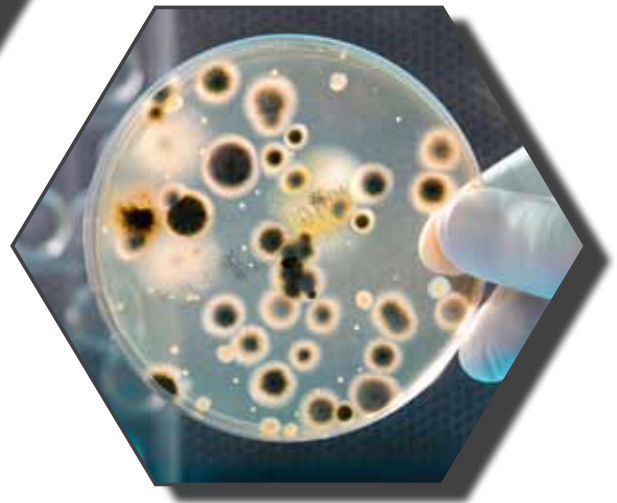


## THE MECHANICS OF DUROPAL MICROPLUS® HPL

The integrated protection of DUROPAL microPLUS® HPL permanently and effectively neutralises the ability of bacteria to grow and multiply. DUROPAL microPLUS® HPL quickly ensures physical penetration of the bacterium cell wall and as a consequence, the bacterial proliferation is ceased and the bacteria dies. Totally encapsulated throughout the laminate matrix, DUROPAL microPLUS® HPL remains effective for the product's life cycle.

Bacterium   
microPLUS® additive   
Melamine resin 





## BACTERIAL EFFICIENCY

Comparison of the antibacterial effects of various materials (test results SGS Fresenius)

Test Bacteria	Duopal microPLUS	Real stone & Granite	Ceramics	Real metal	PVC	Acrylic	Mineral Materials
Pseudomonas aeruginosa	>4.9	-0.6	< -0.6	0.2	-0.3	-0.5	0.3
Staphylococcus aureus	>4.8	0.2	0.3	1.8	0.2	0.2	0.6
Salmonella choleraesuis	>4.9	0.1	0.3	2.1	0.2	0.1	0.5
Escherichia coli	> 4.4	< -1.0	< -1.0	< -0.1	< -0.8	< -0.8	< -0.5
<b>Result</b>	Highly effective	No effect	No effect	Minimal effect	No Effect	No Effect	No Effect

**Surface tested** (Result effectiveness - power of 10)

**The result:** compared with other tested materials, the anti-bacterial efficiency of DUROPAL microPLUS® HPL was more than 1,000 times more effective than other surfaces.

## APPLICATION

DUROPAL microPLUS® is ideal for use to vertical or horizontal interior applications which require an antibacterial surface. Suitable for application in medical, health care, child & age care, hospitality, educational, food preparation and public amenities. Other commercial applications for interior joinery include counter tops, bench tops, partitions, fixtures, decorative panelling, door and drawer fronts and any other application that would benefit from the use of an antibacterial and chemical resistant finish.



## **SAFETY TESTED AND CERTIFIED**

Confirmed by test results and certificates from the independent and renowned test institutes SGS FRESENIUS and ISEGA Germany, DUROPAL microPLUS®, works safely, permanently and effectively against bacteria.

The active ingredients of DUROPAL microPLUS® HPL is totally encapsulated throughout the laminate surface, thereby preventing any transfer to humans, foods or into the air making DUROPAL microPLUS® HPL 100% safe.



### **SYDNEY**

Unit 1 41-43 Whyalla Place  
Prestons NSW 2170  
Ph: 02 9826 0007  
Fax: 02 9826 0074

### **NEWCASTLE**

Unit 3 100 Munibung Rd  
Cardiff NSW 2285  
Ph: 02 4954 4011  
Fax: 02 4954 4233

### **WODONGA**

Unit 2 20 Mint St  
Wodonga VIC 3690  
Ph: 02 6056 3188  
Fax: 02 6056 3190

### **TASMANIA**

88 Hopkins Street  
Moonah TAS 7009  
Ph: 03 6273 1199  
Fax: 03 6273 0050

### **BRISBANE**

17 Telford Place  
Labrador QLD 4215  
Ph: 07 5529 3003  
Fax: 07 5529 3050

### **ROCKHAMPTON**

Unit 1 92 Hollingsworth St  
Nth Rockhampton QLD 4701  
Ph: 07 4922 8220  
Fax: 07 4922 5953

### **TOWNSVILLE**

20 Civil Rd, Garbutt  
Townsville QLD 4814  
Ph: 07 4779 1366  
Fax: 07 4779 1316

# TEKFORM

[www.tekform.com.au](http://www.tekform.com.au) | [info@tekform.com.au](mailto:info@tekform.com.au)