Keep the bugs at bay with ‘germ-shield’.

HOSPITALS

AGED CARE

DENTAL

For further information visit clipsal.com/health_solutions or contact 1300 196 565
The “germ-shield” advantage

Did you know there are over 2,000,000 nosocomial bacteria infections in U.S. hospitals every year? And 100,000 of those people infected result in deaths, costing the U.S. health system more than US$11b per annum.

Not only are these figures alarming, but these types of avoidable infections put a great burden on our economy and health system. Fortunately, there is now a solution to this problem called “germ-shield” – a revolutionary anti-microbial coating system.

The major differences between “germ-shield” and conventional microbial coatings are that “germ-shield” technology:
- is not absorbed or consumed by the microbe, which in turn allows for the treatment to remain at full-strength for essentially the life of the surface or product
- is a bound anti-microbial, which means that it molecularly bonds to the surface. This bond does not allow any leaching of treatment onto other surfaces and does not allow for the development of adaptive organisms
- will not volatilise (off-gas)
- has a 30-year history of durability, effectiveness and safety.

Total protection with Medilec

Medilec now offers a range of medical service panels (MSPs) and medical electrical accessories that come with the option of “germ-shield.” “Germ-shield” is completely non-toxic to humans and the environment, and protects against over 650 species of bacteria, which are commonly found in hospital environments.

The Medilec range of MSPs and medical electrical accessories available with “germ-shield” includes:

- Ultra Plus, Plaster Mount
- Metal, Flush Mount
- Metal, Flush Surface Mount
- Medi-Plus, Surface Mount Duct
- Moulded Plastic Series
- Metal, Flush Mount
- Nurse Call
- TV Hand Set

Product part approval material test results

<table>
<thead>
<tr>
<th>Test</th>
<th>Details</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesion</td>
<td>• 1mm cross hatch</td>
<td>Conforms: Adhesion rating 100%</td>
</tr>
<tr>
<td></td>
<td>• Test with tape adhesion value of &gt;1.13kg per 25mm width on glass</td>
<td>Over two test areas - six components</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ASTM D 3359 class 5 - pass</td>
</tr>
<tr>
<td>Humidity</td>
<td>95% +/- 5% rel. for 240 hours at 40°C</td>
<td>Conforms: Adhesion remains at 100%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No colour change, blisters or gloss variation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No change in flexibility rating</td>
</tr>
<tr>
<td>Moisture and Cold Cycle</td>
<td>Three cycles of:</td>
<td>Conforms: There is no loss of adhesion, blisters, gloss or colour change evident</td>
</tr>
<tr>
<td></td>
<td>• 15.5 hours at 70°C</td>
<td>No change in flexibility rating</td>
</tr>
<tr>
<td></td>
<td>• 0.5 hours at ambient</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 7.5 hours at -20°C</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 0.5 hours at ambient</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 15.5 hours at 50°C and 95% humidity</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 0.5 hours at ambient</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 7.5 hours at -20°C</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 0.5 hours at ambient</td>
<td></td>
</tr>
</tbody>
</table>
Report on anti-microbial test results

1. Sample: Coated Plates

2. Outline of Test
   The test was executed in accordance with “JIS Z 2801”.
   <Bacteria used for test>  Escherichia Coli, NBRC3972
                          Staphylococcus Aureus, NBRC12732.

3. Test Result
   Table 1. Test result of anti-microbial effect against Escherichia Coli.

<table>
<thead>
<tr>
<th>Sample</th>
<th>Number of Living Bacteria</th>
<th>Anti-microbial Activity Value Against Blank</th>
<th>Reduction %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Control Panel (blank)</td>
<td>1.1 x 10⁵</td>
<td>1.4 x 10⁷</td>
<td></td>
</tr>
<tr>
<td>2. High Loading Primerless</td>
<td>1.1 x 10⁷</td>
<td>&lt;1 x 10²</td>
<td>&gt;5.1</td>
</tr>
<tr>
<td>3. Thermal Cure</td>
<td>1.1 x 10⁷</td>
<td>&lt;1 x 10²</td>
<td>&gt;5.1</td>
</tr>
<tr>
<td>Control (film only)</td>
<td>1.1 x 10⁷</td>
<td>2.2 x 10⁰</td>
<td></td>
</tr>
</tbody>
</table>

   Table 2. Test result of anti-microbial effect against Staphylococcus Aureus.

<table>
<thead>
<tr>
<th>Sample</th>
<th>Number of Living Bacteria</th>
<th>Anti-microbial Activity Value Against Blank</th>
<th>Reduction %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Control Panel (blank)</td>
<td>1.1 x 10⁵</td>
<td>5.3 x 10¹</td>
<td></td>
</tr>
<tr>
<td>2. High Loading Primerless</td>
<td>1.1 x 10⁷</td>
<td>&lt;1 x 10²</td>
<td>&gt;3.7</td>
</tr>
<tr>
<td>3. Thermal Cure</td>
<td>1.1 x 10⁷</td>
<td>&lt;1 x 10²</td>
<td>&gt;3.7</td>
</tr>
<tr>
<td>Control (film only)</td>
<td>1.1 x 10⁷</td>
<td>1.7 x 10⁰</td>
<td></td>
</tr>
</tbody>
</table>

4. Consideration
   Samples containing lonpure showed anti-microbial efficacy against both Escherichia Coli and Staphylococcus Aureus, as its activity value exceeded the standard value of 2.0, which means this application has a >99% bacterial reduction rate.
Head Office
33-37 Port Wakefield Road, Gepps Cross,
South Australia 5094
PO Box 132, Enfield Plaza,
South Australia 5085
Telephone (08) 8161 0511
Facsimile (08) 8161 0900
Email plugin@clipsal.com.au
Internet www.clipsal.com

National Customer Care Enquiries:
1300 2025 25

National Customer Care Facsimile:
1300 2025 56

Area Representatives
ACT  Canberra region  0408 550 373

NSW  Albury  (02) 6051 2377
      Central Coast  0418 430 361
      Coffs Harbour  0418 653 183
      Dubbo  0418 822 564
      Newcastle  0407 298 792
      0418 686 040
      0417 201 115
      Tamworth  0417 714 339
      Wagga Wagga  0418 578 903

Woolongong  0418 423 581

NT  Darwin  0409 282 307

QLD  Cairns  0418 778 499
      Gladstone  0427 172 463
      Gold Coast  0418 765 495
      Gold Coast North  0417 863 872
      Mackay  0418 752 134
      Maryborough  0418 664 338
      Northern Rivers  0418 768 902
      Rockhampton  0427 172 463
      Sunshine Coast Sth  0419 797 827
      Sunshine Coast Nth  0438 282 299
      Townsville  0418 726 394

Northern region  0403 344 086
Southern region  0419 876 885

TAS  Northern region  0418 120 269
     Southern region  0437 385 807

VIC  Ballarat  0418 336 291
     Bendigo  0418 570 213
     Geelong  0418 527 233
     Gippsland  0418 512 680
     Mornington Pen.  0407 795 291
     Western Victoria  0419 380 444

WA  Bunbury  0418 931 684
     Kalgoorlie &  0417 928 981
     Eastern Gold Fields  0418 937 249

You can find this brochure and many others online in PDF format at:
clicks.com
Follow the links off the home page or access the following page directly:
clicks.com/brochures

International Enquiries
International Sales and Marketing
Email export@clipsal.com.au

Schneider Electric (NZ) Ltd
38 Business Parade South, Highbrook,
East Tamaki, Manukau 2013,
NEW ZEALAND
PO Box 15355, New Lynn,
Waitakere 0640, NEW ZEALAND
Telephone + 64 9 829 0490
Facsimile + 64 9 829 0491
Internet www.schneider-electric.co.nz

Clipsal Customer Care
Freephone 0800 652 999
Freefax 0800 101 152
Email sales@nz.schneider-electric.com
Internet www.clipsal.co.nz
www.schneider-electric.co.nz

© Clipsal Australia Pty Ltd
This material is copyright under Australian and international laws. Except as permitted under the relevant law, no part of this work may be reproduced by any process without prior written permission of and acknowledgement to Clipsal Australia Pty Ltd.

Clipsal Australia Pty Ltd reserves the right to change specifications, modify designs and discontinue items without incurring obligation and whilst every effort is made to ensure that descriptions, specifications and other information in this catalogue are correct, no warranty is given in respect thereof and the company shall not be liable for any error therein.