











# Hygiene Properties




| Brand                                    | Key Application   | Compliance to NZBC Clause G3                     | General Surface Attributes  | Considerations when specifying for Hygiene Purposes  | Testing & Technology Details   | Supporting Documentation  |
|--|---|--|---|--|--|---|
| <b>HI-MACS®</b><br>Acrylic Solid Surface | <ul style="list-style-type: none"> <li>Countertops</li> <li>Benchtops</li> <li>Bathroom vanities</li> <li>Furniture</li> <li>Retail fittings</li> <li>Outdoor application for selected decors</li> <li>Wall linings</li> <li>Hospital, dental, veterinary, labs</li> </ul>  | Impervious & easily cleaned – NZBC Clause G3.3.2 | Non-porous (impervious) – does not allow liquid or air to pass through it                         | Smoother surfaces such as the Matt finish have a high wipeability and are easily cleaned   | Certified by an independent laboratory for its hygienic properties in accordance with the international norm LGA and NSF | <a href="https://store.laminex.co.nz/medias/Hi-MACS-Hygiene-Certificate.pdf">https://store.laminex.co.nz/medias/Hi-MACS-Hygiene-Certificate.pdf</a> |
| <b>Laminex Laminate</b><br>FORMICA       | <ul style="list-style-type: none"> <li>Benchtops</li> <li>Vanities</li> <li>Cabinetry fronts</li> <li>Feature panels</li> <li>Internal doors</li> <li>Commercial doors</li> <li>Retail furniture</li> <li>Bar tops / fronts</li> <li>Dining / coffee tables</li> <li>Wall linings</li> <li>Desktops</li> <li>Splashback/upstands</li> </ul> | Impervious & easily cleaned – NZBC Clause G3.3.2 | Non-porous (impervious) - does not allow liquid or air to pass through it. Protec+® Antimicrobial | Smoother surfaces such as Natural, Velour and Gloss finishes have a high wipeability and are easily cleaned.<br><b>The following decors have the added benefit of Protec+®:</b><br>Blue Moon, Energise, Indian Sage, Infinity, Juicy, Just Blue, Olympia Yellow, Peacock, Amaretto Stone, Arctic Stone, Blackstone, Brook Pebble, Cocoa Sand, Concrete Formwood, Ebony Oxide, Elemental Ash, Elemental Concrete, Flint Crystal, Fresh Snow, Grey Finestone, Ironstone, Jordan Stone, Kashmir Granite, Limed Concrete, Metropolitan Concrete, Nero Grafite, Peacestone, Pietro Nero, Platinum Micro, Pure Mineralstone, Raw Nickel, River Pebble, Roman Marble, Sand Pebble, White Finestone, White Valencia, Black, Neo Cloud, Storm, Warm White, Aquamarine, Basalt, Black, Bliss Shitake, Deep Anthracite, Fossil, French Cream, Green Slate, Moose, New Graphite, Possum, Seal Grey, Seed, Snowdrift, Spinifex, Storm, Warm White, White, Winter Sky, Zincworks, Aged Walnut, Alaskan, Burnished Wood, Refined Oak, Rural Oak, Seasoned Oak, Smoked Birchply, Soft Maple, Sublime Teak. | Laminex™ Laminate with Protec+®  | <a href="https://store.laminex.co.nz/medias/Antimicrobial-fact-sheet.pdf">https://store.laminex.co.nz/medias/Antimicrobial-fact-sheet.pdf</a>       |
| <b>Alucci™</b><br>Apex                   | <ul style="list-style-type: none"> <li>Benchtops</li> <li>Vanities</li> <li>Cabinetry fronts</li> <li>Feature panels</li> <li>Internal doors</li> <li>Commercial doors</li> <li>Retail furniture</li> <li>Bar tops / fronts</li> <li>Dining / coffee tables</li> <li>Wall linings</li> <li>Desktops</li> <li>Splashback/upstands</li> </ul> | Impervious & easily cleaned – NZBC Clause G3.3.2 | Non-porous (impervious) – does not allow liquid or air to pass through it. Protec+® Antimicrobial | Smoother surfaces of Matte finishes have a high wipeability and are easily cleaned.<br>Testing & Technology Details - EBC technology on the surface results in superior fingerprint and scratch resistance, coupled with natural silver ion antibacterial protection, to ensure the surface stays looking smarter and cleaner for longer.  | Alucci Apex with Protec+   | <a href="https://store.laminex.co.nz/medias/Antimicrobial-fact-sheet.pdf">https://store.laminex.co.nz/medias/Antimicrobial-fact-sheet.pdf</a>       |

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| <b>Laminex</b><br><b>Laminate</b><br><b>ARtouch™</b>                           | <ul style="list-style-type: none"> <li>• Benchtops</li> <li>• Vanities</li> <li>• Cabinetry fronts</li> <li>• Feature panels</li> <li>• Internal doors</li> <li>• Retail furniture</li> <li>• Bar tops / fronts</li> <li>• Dining / coffee tables</li> <li>• Wall linings</li> <li>• Splashback / upstands</li> </ul>   | Impervious & easily cleaned – NZBC Clause G3.3.2 | Non-porous (impervious) – does not allow liquid or air to pass through it. Protec+® Antimicrobial | Smoother surfaces such as the Matt finish have a high wipeability and are easily cleaned. All decors except Nightshade and White have the added benefit of Protec+® | Laminex™ Laminate with Protec+® | <a href="https://store.laminex.co.nz/medias/Antimicrobial-fact-sheet.pdf">https://store.laminex.co.nz/medias/Antimicrobial-fact-sheet.pdf</a> |
| <b>Laminex</b><br><b>Laminate</b><br><b>180fx™</b>                             | <ul style="list-style-type: none"> <li>• Benchtops</li> <li>• Vanities</li> <li>• Cabinetry fronts</li> <li>• Feature panels</li> <li>• Internal doors</li> <li>• Retail furniture</li> <li>• Bar tops / fronts</li> <li>• Dining / coffee tables</li> <li>• Wall linings</li> <li>• Desktops</li> <li>• Splashback / upstands</li> </ul>                         | Impervious & easily cleaned – NZBC Clause G3.3.2 | Non-porous (impervious) – does not allow liquid or air to pass through it                         | Smoother surfaces such as Matt, Satin and Gloss finishes have a high wipeability and are easily cleaned   | –                               | –   |
| <b>Laminex</b><br><b>Laminate</b><br><b>Metallics</b><br>(vertical use only)   | <ul style="list-style-type: none"> <li>• Feature panels</li> <li>• Cabinetry fronts</li> <li>• Accents</li> <li>• Wall linings</li> </ul>   | Impervious & easily cleaned – NZBC Clause G3.3.2 | Non-porous (impervious) – does not allow liquid or air to pass through it                         | Smoother surfaces such as the Polished finish have a high wipeability and are easily cleaned  | –                               | –   |
| <b>Laminex</b><br><b>Laminate</b><br><b>Magnetic</b><br>(vertical use only)    | <ul style="list-style-type: none"> <li>• Cabinetry fronts</li> <li>• Feature panels</li> <li>• Wall linings</li> </ul>  | Impervious & easily cleaned – NZBC Clause G3.3.2 | Non-porous (impervious) – does not allow liquid or air to pass through it                         | Smoother surfaces such as the Gloss finish have a high wipeability and are easily cleaned   | –                               | –   |
| <b>Laminex</b><br><b>Chemical</b><br><b>Resistant</b><br>(indent only product) | <p><b>Suitable horizontal surfaces include;</b></p> <ul style="list-style-type: none"> <li>• Sinks</li> <li>• Counters</li> <li>• Laboratory benches and tabletops</li> </ul> <p><b>Ideal vertical surfaces include;</b></p> <ul style="list-style-type: none"> <li>• Cabinets</li> <li>• Casework fronts</li> <li>• Wall splashback panels or screens</li> </ul> | Impervious & easily cleaned - NZBC Clause G3.3.3 | Non-porous (impervious) – does not allow liquid or air to pass through it. Protec+® Antimicrobial | Smoother surfaces such as the Natural finish have a high wipeability and are easily cleaned   | –                               | –   |

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|--|---|---|---|--|--|---|
|  <b>Handitops™</b>                                       | <ul style="list-style-type: none"> <li>• Bench</li> <li>• Countertop</li> <li>• Basin top</li> </ul>  | Impervious & easily cleaned – NZBC Clause G3.3.2                  | Non-porous (impervious) – does not allow liquid or air to pass through it. Protec+® Antimicrobial | Smoother surfaces such as the Velour finish have a high wipeability and are easily cleaned   | Protec+®   | <a href="https://store.laminex.co.nz/medias/Antimicrobial-fact-sheet.pdf">https://store.laminex.co.nz/medias/Antimicrobial-fact-sheet.pdf</a> |
|  <b>caesarstone®</b>                                     | <ul style="list-style-type: none"> <li>• Benchtops</li> <li>• Countertops</li> <li>• Perfect for wet areas such as; <ul style="list-style-type: none"> <li>- Bathroom</li> <li>- Vanities</li> <li>- Bath surrounds</li> <li>- Inset shelving</li> <li>- Custom Furniture</li> <li>- Wall lining</li> </ul> </li> </ul> | Impervious & easily cleaned – NZBC Clause G3.3.2                  | Non-porous (impervious) – does not allow liquid or air to pass through it                         | Smoother surfaces such as the Polished finish have a high wipeability and are easily cleaned   | Compliance with NSF 51, the international Health and Safety Foundation sanitary standard | –   |
|  <b>LAMINAM</b>  | <b>Commercial and residential;</b> <ul style="list-style-type: none"> <li>• Walls</li> <li>• Floors</li> <li>• Splashbacks</li> <li>• Benchtops</li> <li>• Countertops</li> <li>• Indoor and outdoor furniture</li> <li>• Fireplace surrounds</li> </ul>  | Impervious & easily cleaned – NZBC Clause G3.3.2 (not all decors) | Non-porous (impervious) – does not allow liquid or air to pass through it                         | Smoother surfaces have a high wipeability and are easily cleaned<br><i>Note: The 3.5 &amp; 5.6mm ranges are not recommended for benchtops</i>                    | –  | –   |
|  <b>seratone</b><br><small>CLASSIC + SPECIALTY</small> | <ul style="list-style-type: none"> <li>• Wall &amp; ceiling lining</li> </ul>   | Impervious & easily cleaned – NZBC Clause G3.3.2                  | Non-porous (impervious) – does not allow liquid or air to pass through it. Protec+® Antimicrobial | Smoother surfaces such as Gloss finish have a high wipeability and are easily cleaned  | Protec+®   | <a href="https://store.laminex.co.nz/medias/Antimicrobial-fact-sheet.pdf">https://store.laminex.co.nz/medias/Antimicrobial-fact-sheet.pdf</a> |
|  <b>seratone</b><br><small>AQUA</small>                | <ul style="list-style-type: none"> <li>• Wall &amp; ceiling lining</li> </ul>   | Impervious & easily cleaned – NZBC Clause G3.3.2                  | Non-porous (impervious) – does not allow liquid or air to pass through it                         | Smoother surfaces such as Gloss finish have a high wipeability and are easily cleaned  | –  | –   |
|  <b>MELTECA®</b>                                       | <ul style="list-style-type: none"> <li>• Cabinetry</li> <li>• Furniture</li> <li>• Wall linings</li> </ul>  | Impervious & easily cleaned – NZBC Clause G3.3.2                  | Non-porous (impervious) – does not allow liquid or air to pass through it                         | Smoother surfaces have a high wipeability and are easily cleaned. <b>Finishes from least to most textured are;</b> Satin, Naturale, Pearl, Woodgrain & Puregrain | –  | –   |

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|---|--|--|---|--|------------------------------|---|
|  <b>Purecoat</b><br><small>BY MELTECA</small> | <ul style="list-style-type: none"> <li>Cabinetry</li> </ul>  | Impervious & easily cleaned – NZBC Clause G3.3.2 | Protec+® Antimicrobial  | High wipeability and easily cleaned                              | Protec+®                     | <a href="https://store.laminex.co.nz/medias/Antimicrobial-fact-sheet.pdf">https://store.laminex.co.nz/medias/Antimicrobial-fact-sheet.pdf</a> |
| <b>Laminex Acrylic Panel</b>  | <ul style="list-style-type: none"> <li>Cabinetry</li> </ul>  | Impervious & easily cleaned – NZBC Clause G3.3.2 | Non-porous (impervious) – does not allow liquid or air to pass through it                         | High wipeability and easily cleaned                              | –                            | –   |
| <b>Laminex Woodgrain</b>  | <ul style="list-style-type: none"> <li>Cabinetry</li> <li>Wall linings</li> </ul>  | Impervious & easily cleaned – NZBC Clause G3.3.2 | Non-porous (impervious) – does not allow liquid or air to pass through it                         | Smoother surfaces have a high wipeability and are easily cleaned | –                            | –   |
| <b>Laminex Timber Veneer</b>  | <ul style="list-style-type: none"> <li>Cabinetry</li> <li>Furniture</li> <li>Wall linings</li> </ul>   | –  | Porous (is sold as a raw product so needs an appropriate sealer to become non-porous)             | Requires an appropriate sealer                                   | –                            | –   |
| <b>Laminex Panels for Partitions</b><br><br>Standard Grade  | <ul style="list-style-type: none"> <li>Toilet/shower partitions</li> <li>Commercial benchtops</li> <li>Wall linings</li> </ul>                               | Impervious & easily cleaned – NZBC Clause G3.3.2 | Non-porous (impervious) – does not allow liquid or air to pass through it. Protec+® Antimicrobial | Smoother surfaces have a high wipeability and are easily cleaned | Protec+®                     | <a href="https://store.laminex.co.nz/medias/Antimicrobial-fact-sheet.pdf">https://store.laminex.co.nz/medias/Antimicrobial-fact-sheet.pdf</a> |
| <b>Laminex Panels for Partitions</b><br><br>Laboratory Grade  | <ul style="list-style-type: none"> <li>Laboratory benchtops</li> <li>Toilet/shower partitions</li> <li>Commercial benchtops</li> <li>Wall linings</li> </ul> | Impervious & easily cleaned – NZBC Clause G3.3.2 | Non-porous (impervious) – does not allow liquid or air to pass through it                         | Smoother surfaces have a high wipeability and are easily cleaned | –                            | –   |
| <b>EDGETAPE for Panels</b>  | <ul style="list-style-type: none"> <li>Edgetape for panels</li> </ul>  | Impervious & easily cleaned – NZBC Clause G3.3.2 | Non-porous (impervious) – does not allow liquid or air to pass through it                         | Smoother surfaces have a high wipeability and are easily cleaned | –                            | –   |

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|                |   |  |                            |   |                              |                          |
| strandfloor®   | <ul style="list-style-type: none"> <li>Structural flooring substrate</li> </ul>         | -  | Porous                     | Improves if appropriate coating applied, surface still textured. In end use applications all product surfaces exposed to occupied space shall be sealed. Please refer to coating supplier for further considerations. | -                            | -                        |
| strandsarking®   | <ul style="list-style-type: none"> <li>Structural flooring substrate</li> </ul>         | -  | Porous                     | Improves if appropriate coating applied, surface still textured. In end use applications all product surfaces exposed to occupied space shall be sealed. Please refer to coating supplier for further considerations. | -                            | -                        |
| strandboard®   | <ul style="list-style-type: none"> <li>Wall lining - structural</li> </ul>              | -  | Porous                     | Improves if appropriate coating applied, surface still textured. In end use applications all product surfaces exposed to occupied space shall be sealed. Please refer to coating supplier for further considerations. | -                            | -                        |
| <b>Trade Essentials®</b>   |   |  |                            |   |                              |                          |
| triboard®  | <ul style="list-style-type: none"> <li>Wall lining</li> <li>Office furniture</li> </ul> | -  | Porous                     | Improves if appropriate coating applied, surface still textured. In end use applications all product surfaces exposed to occupied space shall be sealed. Please refer to coating supplier for further considerations. | -                            | -                        |
| Lakepine®  | <ul style="list-style-type: none"> <li>Cabinetry</li> <li>Furniture</li> </ul>          | -  | Porous                     | Improves if appropriate coating applied, surface still textured. In end use applications all product surfaces exposed to occupied space shall be sealed. Please refer to coating supplier for further considerations. | -                            | -                        |
|  Superfine®  | <ul style="list-style-type: none"> <li>Cabinetry</li> <li>Furniture</li> </ul>          | -  | Porous                     | Improves if appropriate coating applied, surface still textured. In end use applications all product surfaces exposed to occupied space shall be sealed. Please refer to coating supplier for further considerations. | -                            | -                        |
|  Whiteboard™ | <ul style="list-style-type: none"> <li>Cabinetry</li> <li>Furniture</li> </ul>          | Impervious & easily cleaned – NZBC Clause G3.3.2 | Non-porous                 | Smoother surfaces have a high wipeability and are easily cleaned  | -                            | -                        |

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|  <b>Trade Essentials®</b><br><small>HARDBOARD</small><br>Pegboard | <ul style="list-style-type: none"> <li>Office/retail display stands</li> </ul> | -                            | Porous                     | -   | -                            | -                        |
|  <b>Trade Essentials®</b><br><small>HARDBOARD</small><br>Standard | <ul style="list-style-type: none"> <li>Various</li> </ul>                      | -                            | Porous                     | Improves if appropriate coating applied, surface still textured. In end use applications all product surfaces exposed to occupied space shall be sealed | -                            | -                        |
|  <b>Trade Essentials®</b><br><small>HARDBOARD</small><br>Tempered | <ul style="list-style-type: none"> <li>Various</li> </ul>                      | -                            | Porous                     | Improves if appropriate coating applied, surface still textured. In end use applications all product surfaces exposed to occupied space shall be sealed | -                            | -                        |

| NZBC Descriptions  |  |   |  |
|--|--|---|--|
| G3   | G3.1   | G3.2.1  | G3.2.2   |
| <b>Clause G3</b><br>Food Preparation and Prevention of Contamination<br><br><b>Impervious</b><br>Not permitting penetration or passage, (doesn't allow liquid or air to pass through)  | <b>Safe guard people from illness due to contamination</b><br>(a) Safeguard people from illness due to contamination<br>(b) Enable hygienic food preparation without loss of amenity | <b>Functional requirement</b><br>G3.2.1 Buildings shall be provided with space and facilities for the hygienic storage, preparation and cooking of food, that are adequate for the intended use of the building | Buildings used for the storage, manufacture or processing of food, including animal products shall be constructed to safeguard the contents from contamination |
| Objective G3.1   | G3.2.3   | G3.3.2  |  |
| <b>Safe guard people from illness due to contamination</b><br>(a) Safeguard people from illness due to contamination<br>(b) Enable hygienic food preparation without loss of amenity<br>(c) Ensure that people <i>with disabilities</i> are able to carry out the normal activities and processes within these buildings | Buildings used for the medical treatment of humans or animals, or the reception of dead bodies, shall be constructed to avoid the spread of contamination from the building contents | Interior linings and surfaces shall be impervious and easily cleaned<br><b>Impervious</b><br>Not permitting penetration or passage (doesn't allow liquid or air to pass through)                                |  |

For full technical information including care and maintenance information please refer to our website [laminex.co.nz](http://laminex.co.nz)

**Disclaimer:** NZBC clauses reference are current at time of publication.