

# LAMINEX® COMPACT LAMINATE



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# LAMINEX® COMPACT LAMINATE

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## **WHAT IS COMPACT LAMINATE?**

Laminex Compact Laminate is a decorative panel designed for a broad variety of uses both vertically and horizontally. Its inherent strength and durability is due to thermosetting resins, homogeneously reinforced with cellulose fibres and manufactured under high pressure and temperature. As such, panels are self-supporting, moisture resistant and durable.

Available in a wide range of decors from the Laminex Colour Palette, Laminex Compact Laminate is perfect for design driven applications. Panels have a black core, that when machined, present a distinctive black edge that serves as a unique design feature.

### **WHERE CAN IT BE USED?**

With machinability similar to hardwood, usage options for Laminex Compact Laminate are virtually endless. These include shower and toilet cubicles, interior wall linings, café tabletops, laboratory worktops, lockers, furniture, cabinets and kitchen benchtops.

The standard panel thickness is 10mm, 13mm or 18mm, with variants from 6mm to 25mm available for special applications.

### **COMPACT LAMINATE IS SEEN EXTENSIVELY IN:**

- Public facilities: swimming pools, schools, sanitary facilities, shopping centres, prisons, universities, schools
- Offices: furniture, reception counters
- Leisure areas: shopping centres, bars, hotels
- Healthcare: hospitals, doctors' surgeries, laboratories
- Residential: kitchens, bathrooms, outdoor areas

### **HOW DOES IT PERFORM?**

Laminex Compact Laminate is beautiful in appearance and can take rough treatment. It's extremely scratch, wear, stain, moisture and impact resistant, all backed by a 10 year limited warranty or a 7 year limited warranty for Laminex Alfresco Compact Laminate. So when quality and durability are a must, look no further than Laminex Compact Laminate.

### **WHAT CHOICE IS AVAILABLE?**

Laminex Compact Laminate comes in four ranges, each with its own particular properties, applications, and decors. For interior use, consider Laminex Multipurpose, XR Grade or Laboratory Compact Laminate, and for exterior applications, Laminex Alfresco Compact Laminate. The range is supported with comprehensive technical data sheets and fabrication guides.





Wall mounted seating systems in Laminex Multipurpose Compact Laminate Tawny Linewood.

**Laminex® Multipurpose Compact Laminate is the mainstay of the Laminex Compact Laminate family. This thick, versatile, self-supporting panel is suitable for a variety of internal applications and is ideal for use in public and leisure spaces, as well as furniture requiring design durability.**



## MULTIPURPOSE COMPACT LAMINATE



Laminex® Multipurpose Compact Laminate performs with exceptional wear, impact and abrasion properties. It's an economical option that is easy to clean, with an antimicrobial and antifungal surface for extra peace of mind. This GREENGUARD Certified product includes 30 stylish decors<sup>†</sup> from the Laminex Colour Palette, enabling easy integration with the rest of your interior design.

### FEATURES AND BENEFITS

- Excellent mechanical and physical properties
- Provides a clean, uninterrupted, minimal look
- Easily integrates and co-ordinates with many other Laminex products and surfaces
- Protec+ Certified antimicrobial to JIS Z 2801:2000 – proven to inhibit the growth of bacteria on the surface up to 99% within 24 hours
- Non-porous and easy to clean

### APPLICATIONS

Natural finish is suitable for benchtops, countertops, tabletops, office worktops, shower and toilet partitions, lockers, commercial furniture, interior wall cladding, cabinetry and educational furniture.

## SPECIFICATIONS

STANDARD SHEET SIZE	STANDARD THICKNESS	TYPICAL APPLICATIONS
3660 x 1830mm*	13mm* 18mm**	Shower and Toilet Cubicles Office Worktops Interior Wall Cladding Lockers Kitchen Benchtops and Cabinetry Educational Furniture Tabletops Lockers and Seating

\* Available ex local stock (decorated on both sides).

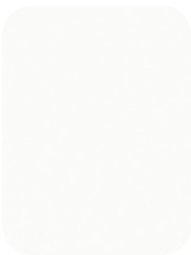
\*\* Available in selected colours ex local stock (decorated on both sides). Refer to local availability guide for lead times.



Protec+ antimicrobial technology is standard across the Laminex Multipurpose Compact Laminate range. Excluding Laminex Laboratory, XR Grade and Alfresco Compact Laminate.



**COLOUR RANGE - NATURAL FINISH**



Polar White



Parchment



Alaskan



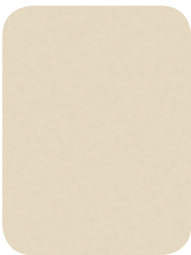
Seasoned Oak



Stipple Hemp



Sublime Teak



Pumice



Platinum Micro



Oyster Linea



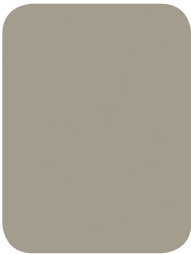
Tawny Linewood



Jericho



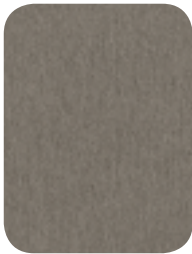
Lustrous Elm



Baye



Stipple Seal



Moose



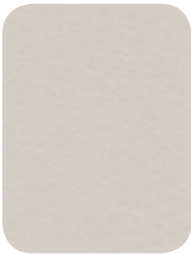
Licorice Linea



Brescia



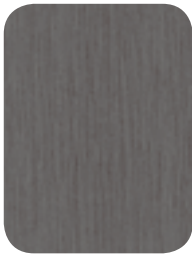
Blackened Linewood



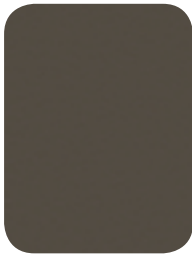
Oyster Grey



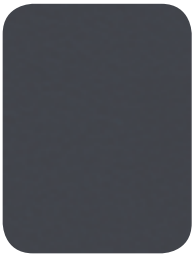
Zincworks



New Graphite



Fossil



Charcoal



Battalion



Juicy



Olympia Yellow



Mandarin



Pillarbox



Olympia Blue



Black



ABOVE Lockers in **Laminex Innovations Black Magic**. OPPOSITE PAGE Doors and panels in **Laminex Multipurpose Compact Laminate New Graphite**.



**Laminex® XR Grade Compact Laminate is as tough as it is versatile. A stain resistant decorative panel, it's a good choice for a range of unforgiving environments such as laboratories, prison furniture, hair salons and other busy public amenities.**







## XR GRADE COMPACT LAMINATE

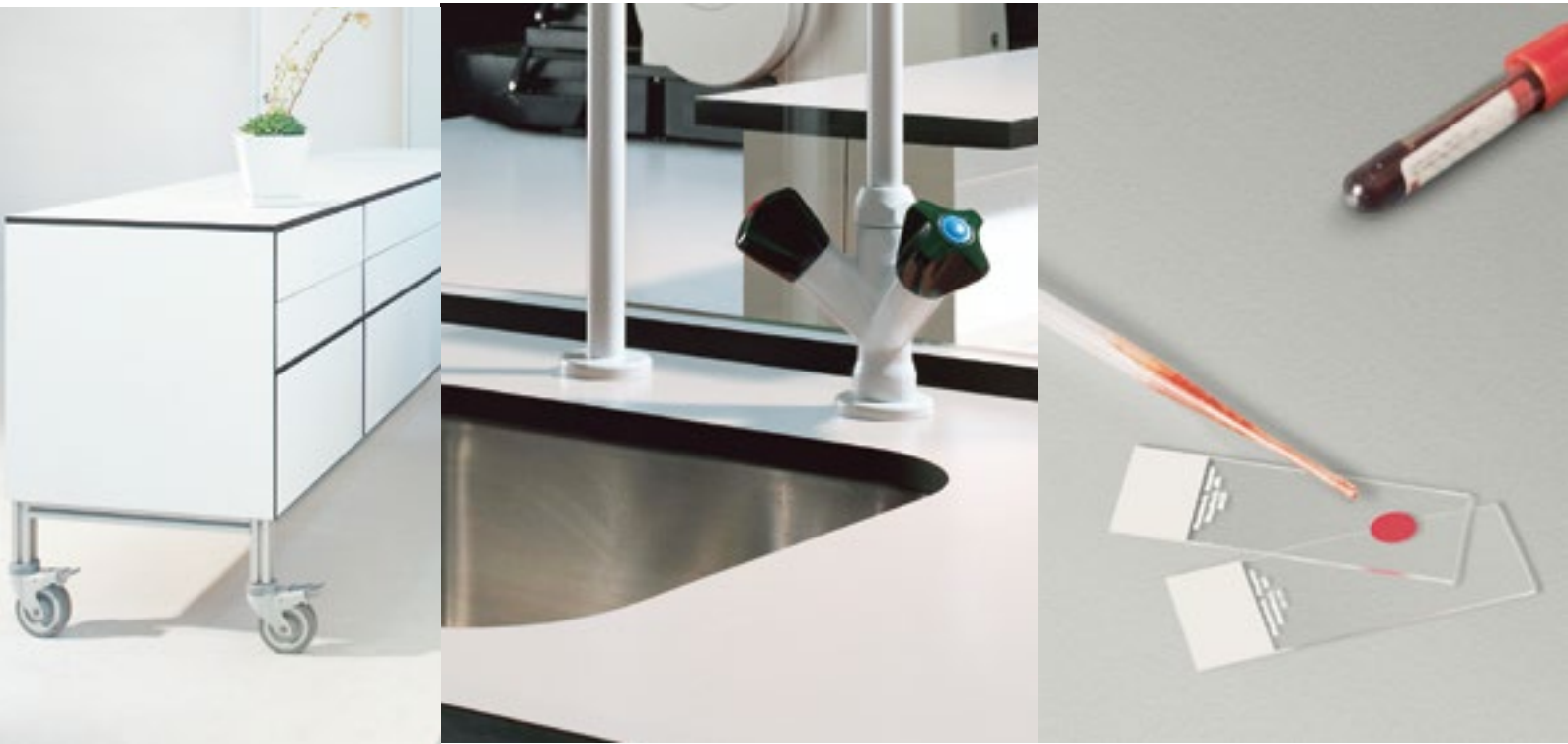
Laminex® XR Grade Compact Laminate is a 13mm product that's a cost effective choice for high abuse areas. With a range of decors to minimise signs of wear and tear, its durability and stain resistance makes it a low maintenance, versatile choice for laboratories and busy public spaces.

### FEATURES AND BENEFITS

- Graffiti resistant (has been tested as per ASTM D 6578-00)
- EBC surface for enhanced chemical resistance and hygiene properties
- Resists acids, alkalis, corrosive salts and other destructive or staining substances
- Ideal for horizontal and vertical surfaces
- Non-porous and easy to clean

### APPLICATIONS

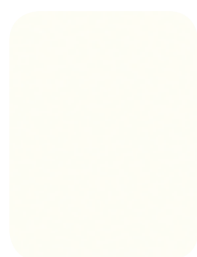
Counters, laboratory worktops, tabletops, school desks, partitioning, cabinets and casework fronts.



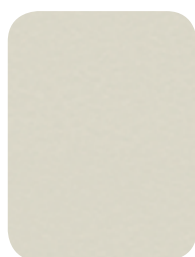
LEFT AND MIDDLE Benchtop in Laminex XR Grade Compact Laminate **Cosmic White**. RIGHT Benchtop in Laminex XR Grade Compact Laminate **Cosmic Grey**.



## COLOUR RANGE



Cosmic White



Cosmic Grey



Astro



Lunar Dust



Carbon Dust



Cosmic Black

### ACIDS

Acetic Acid (Glacial), 98%  
 Chromic Acid, 10%  
 Citric Acid, 10%  
 Dichromate Cleaning Solution\*  
 Formic Acid, 90%  
 Hydrochloric Acid, 37%  
 Hydrofluoric Acid, 40%\*\*  
 Nitric Acid, 30%  
 Nitric, 65%\*\*  
 Perchloric Acid, 60%\*  
 Phosphoric Acid, 85%  
 Sulphuric Acid, 33%  
 Sulphuric Acid, 98%\*\*

### ALKALIS

Ammonium Hydroxide, 28%  
 Potassium Hydroxide, 15%  
 Sodium Hydroxide, 46%

### SALTS

Copper Sulfate, 10%  
 Ferric Chloride, 10%  
 Potassium Permanganate, 1%  
 Silver Nitrate, 1%  
 Sodium Chloride, 10%  
 Sodium Hypochlorite, 16%

### ORGANIC CHEMICALS

Formaldehyde, 10%  
 Furfural  
 Phenol, 90%\*

### SOLVENTS

Acetone  
 Dichloromethane  
 Ethyl Acetate  
 Ethyl Alcohol  
 Ethylene Glycol  
 Ethylene Glycol Mono Butyl Ether  
 Isopropanol  
 Methyl Alcohol  
 Methyl Ethyl Ketone  
 Methyl Isobutyl Ketone  
 N – Butyl Acetate  
 N – Hexane  
 Tetrahydrofuran  
 Toluene  
 Trichloroethylene  
 Xylene

### BIOLOGICAL STAIN

Carbol Fuchsin, 1%\*\*  
 Crystal Violet, 0.5%  
 Gentian Violet, 1% solution  
 Hydrogen Peroxide, 3%  
 Iodine Tincture, USP, 2%\*\*  
 Malachite Green Oxalate, 1%  
 Methylene Blue, 1%  
 Methyl Orange, 0.04%  
 Methyl Red, 0.1%  
 Methyl Violet 2B, 1%  
 Sudan III  
 Wrights Stain, 1%

### MOST CONVENTIONAL CLEANING AGENTS

Resistant to most common cleaning agents. Avoid the use of highly alkaline, highly acidic or abrasive cleaning agents.

The chemicals and reagents listed above were rated for Laminex XR Grade Compact Laminate in a covered method (watch glass cover) with exposure for a period of 16 hours. The reagents listed below do not damage Laminex XR Grade Compact Laminate. Those reagents marked with an asterisk (\*) may cause slight change in gloss or colour, depending upon the duration of exposure. Those marked with two asterisks (\*\*) will cause severe damage. Laminex recommends prompt cleanup of all spills using water, a cloth and mild detergent. If in doubt about the suitability of a particular chemical not listed below, contact 132 136. Before committing to a particular product, we suggest you obtain samples and perform in-situ tests with chemicals most likely to be in contact with the product.

SPECIFICATIONS

STANDARD SHEET SIZE	STANDARD THICKNESS	TYPICAL APPLICATIONS
3600mm x 1500mm	13mm	Partitioning Public Amenities Offices and Factories Hotels and Restaurants Clubs and Entertainment Centres Shopping Centres Healthcare Environments Educational Centres (i.e. Schools and Universities) Sporting and Gymnasium Centres Caravan Parks and Recreational Centres

XR GRADE COMPACT LAMINATE MATERIAL PROPERTIES

PROPERTY OR ATTRIBUTE	UNIT	REQUIREMENT	STANDARD*
PHYSICAL PROPERTIES			EN ISO 1183-1
Specific Gravity (minimum) Weight 13mm and 16mm Thickness	kg/m³ kg/m²	1350 18.5	
PANEL TOLERANCE			EN 438-4
Length Width Thickness 13mm and 16mm Flatness	mm mm mm mm/m	± 5 ± 5 ± 0.60 ≤ 3	
OPTICAL PROPERTIES			AS/NZS 2924.1
Colour Stabilities  Stain Resistance Groups 1 and 2 Stain Resistance Groups 3 and 4	Grey Scale Blue Wool Scale Rating Rating	Minimum 4 Minimum 6 Pass Pass	
MECHANICAL PROPERTIES			
Modulus of Elasticity Tensile Strength Flexural Strength Craze Resistance Impact Resistance Immersion in Boiling Water Scratch Resistance* Stability at Elevated Temperature Wear Resistance Wet Heat Resistance at 100°C Steam Resistance	Mpa Mpa Mpa Rating cm - N % Cycles Rating Rating	≤ 9000 ≤ 60 ≤ 80 Pass Pass Pass Pass Pass Pass Pass Pass Pass	EN ISO 178 EN ISO 527-2 EN ISO 178 AS/NZS 2924.1 AS/NZS 2924.1 AS/NZS 2924.1 AS/NZS 2924.1 AS/NZS 2924.1 AS/NZS 2924.1 EN 438-4 AS/NZS 2924.1
THERMAL PROPERTIES			
Thermal Conductivity Coefficient Cigarette Burns Dry Heat at 180°C	W/mK Rating Rating	± 0.3 Pass Pass	DIN 52612 AS/NZS 2924.1 AS/NZS 2924.1

\*AS/NZS 2924.1: Compact General-purpose Standard (CGS) material type. #Minimum of 1N for darker colours.



Worktops are a critical element of laboratory furniture and the selection of material used is vital to the efficient and effective functioning of the laboratory environment. Laminex® Laboratory Compact Laminate is the premium choice for vulnerable surfaces, with superior moisture, wear and chemical resistant properties. With machinability similar to that of hardwood, it's a versatile material that can easily incorporate sinks, drip-cups and tap-holes.





## LABORATORY COMPACT LAMINATE

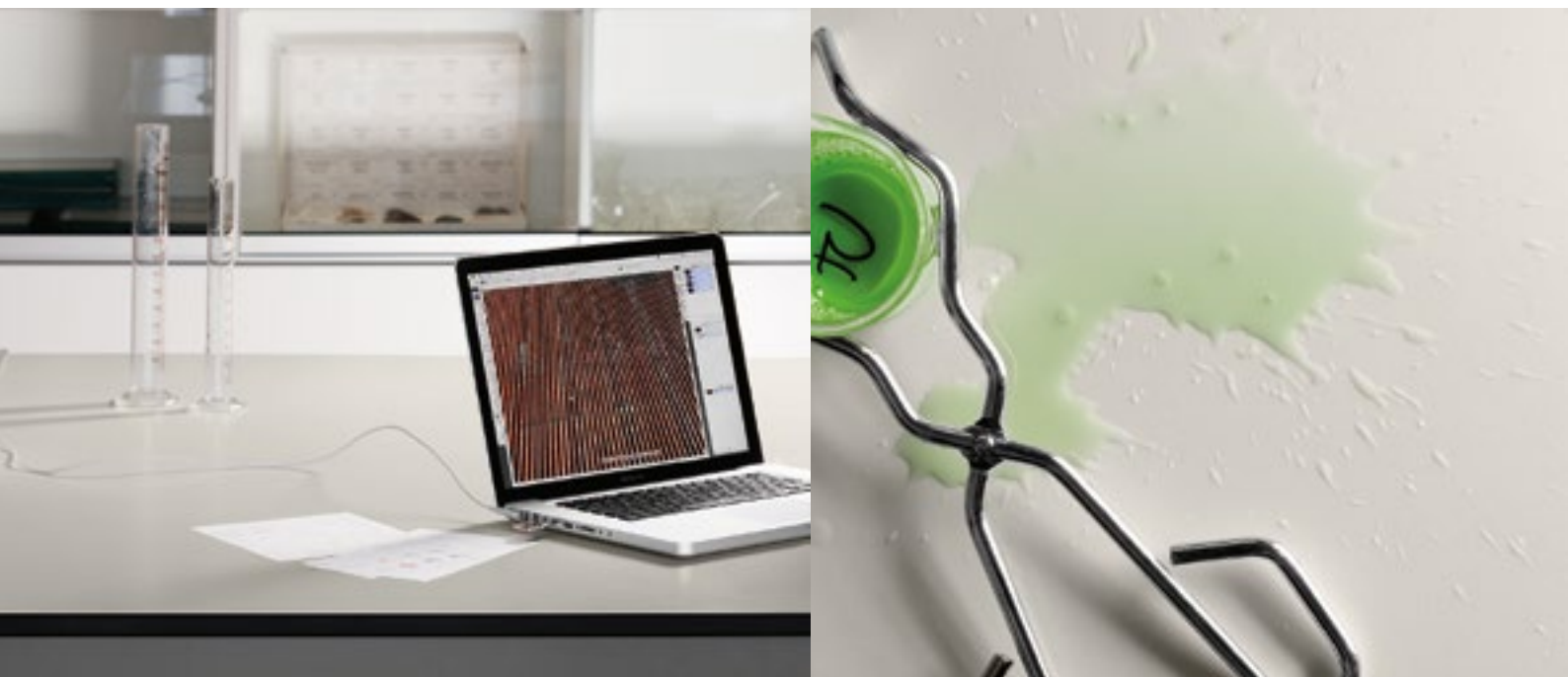
Laminex® Laboratory Compact Laminate has an Electron Beam Cured (EBC) surface for added durability and chemical resistance. It meets stringent worktop requirements with the added benefit of a quality appearance.

### FEATURES AND BENEFITS

- Can withstand temperatures up to 180°C for up to 20 minutes without loss of mechanical strength
- EBC surface for enhanced chemical resistance and hygiene properties
- Tested with >90 aggressive reagents, including Silver Nitrate
- GREENGUARD Certified product that meets some of the world's most rigorous and comprehensive standards for low emissions of volatile organic compounds (VOCs)
- Non-porous and easy to clean
- Suitable for horizontal and vertical use

### APPLICATIONS

Counters, laboratory worktops, tabletops, partitioning, cabinets, and casework fronts.



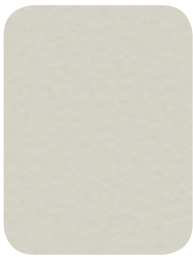
Laboratory worktop in Laminex Laboratory Compact Laminate Ashen.



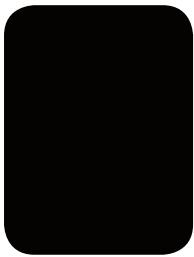
**COLOUR RANGE**



Vapour



Ashen



Night Shadow

**SPECIFICATIONS**

STANDARD SHEET SIZE	STANDARD THICKNESS	TYPICAL APPLICATIONS
3670 x 1530mm*	16mm*	Laboratory Furniture Laboratory Worktops

\*Available ex stock (decorated on one side, Carbide finish). Other thicknesses are available made to order.

## LABORATORY COMPACT LAMINATE MATERIAL PROPERTIES

TESTS ARE BASED ON THE EUROPEAN STANDARD EN438-2:2005

DIMENSIONAL TOLERANCES	
Thickness (clause 5) - unit mm (max.)	16.0 mm : + 0.70 mm ( $\dagger$ = nominal thickness)
Flatness (clause 9) - unit mm/m (max.) Provided the laminates are stored in the manner and conditions recommended by the manufacturer, they shall comply with the flatness requirements specified when measured in accordance with EN438-2, Clause 9. The flatness values specified apply to laminates with two decorative surfaces. Limits for laminates with one surface sanded shall be agreed between Laminex and customer.	<div> <math>2.0 \leq \dagger &lt; 6.0</math> mm : 8.0 mm/m                 </div> <div> <math>6.0 \leq \dagger &lt; 10.0</math> mm : 5.0 mm/m                 </div> <div> <math>10.0 \leq \dagger</math> : 3.0 mm/m                 </div> ( $\dagger$ = nominal thickness)
Length and width (clause 6) - unit mm Tolerances for cut-to-size panels shall be agreed between Laminex and customer.	- 0 / + 10 mm
Straightness of edges (clause 7) - unit mm/m (max.) Tolerances for cut-to-size panels shall be agreed between Laminex and customer.	1.5 mm/m
Squareness (clause 8) - unit mm/m (max.) Tolerances for cut-to-size panels shall be agreed between Laminex and customer.	1.5 mm/m
GENERAL REQUIREMENTS	
Resistance to Surface Wear (clause 10) - unit revolutions (min.)	Initial point: 150 Wear value: 350
Resistance to impact by Large diameter ball (clause 21) - unit Drop from height at mm (min.) When tested at the specified drop height, the diameter of indentation shall not exceed 10mm.	<div> <math>2 \leq \dagger &lt; 6</math> : 1400                 </div> <div> <math>6 \leq \dagger</math> : 1800                 </div> ( $\dagger$ = nominal thickness)
Resistance to Scratching (clause 25) - unit force rating (min.)	Textured finishes: 3
Resistance to Dry Heat (180°C) (clause 16) rating appearance - unit rating (min.)	Textured finishes: 4
Resistance to Wet Heat (100°C) (Test EN12721:1997) rating appearance - unit rating (min.)	Textured finishes: 4
Resistance to immersion in boiling water (clause 12)	<u>Mass increase % (max):</u> $2\text{mm} \leq \dagger < 5\text{mm}$ : 5.0 $\dagger \geq 5\text{mm}$ : 2.0 <u>Thickness increase % (max):</u> $2\text{mm} \leq \dagger < 5\text{mm}$ : 6.0 $\dagger \geq 5\text{mm}$ : 2.0 ( $\dagger$ = nominal thickness) <u>Appearance rating (min.):</u> Textured finishes: 4
Dimensional stability at elevated temperature (clause 17) with cumulative dimensional changes % (max.) L = in the longitudinal (or machine) direction of the fibrous sheet material (normally the direction of the longest dimension of the laminate). T = in the cross-longitudinal (cross-machine) direction of the fibrous sheet material (at right angles to direction L).	<div> <math>2\text{mm} \leq \dagger &lt; 5\text{mm}</math> L: 0.40                 </div> <div> <math>2\text{mm} \leq \dagger &lt; 5\text{mm}</math> T: 0.80                 </div> <div> <math>\dagger \geq 5\text{mm}</math> L : 0.30                 </div> <div> <math>\dagger \geq 5\text{mm}</math> T : 0.60                 </div> ( $\dagger$ - nominal thickness)
Resistance to Staining (clause 26) for appearance unit rating (min.)	As specified in the Chemical Resistance table
Lightfastness (Xenon Arc) (clause 27) for contrast with grey scale rating	4 to 5
Resistance to Cigarette Burns (clause 30) for appearance unit rating (min.)	3
Resistance to Crazeing (clause 24) for appearance unit Grade (min.)	4
Flexural Modulus - EN ISO 178 for stress unit Mpa (min.)	9000
Flexural Strength - EN ISO 178 for stress unit Mpa (min.)	80
Tensile Strength - EN ISO 527 for stress unit Mpa (min.)	60
Density - EN ISO 1183 for density unit kg/m <sup>3</sup> (min.)	1350

## LABORATORY COMPACT LAMINATE CHEMICAL RESISTANCE

There are no failures in our product with the use of any chemicals tested for a period of 24-hours contact time.

### TEST METHOD

The test was conducted by applying 2 or 3 drops of each reagent on the specimen surface. The reagent was at room temperature. After that, the reagent on the surface was covered with a watch glass. After a period of 24 hours contact time under room temperature, the watch glass was removed. The reagent was rinsed off with water. Then the specimen surface was inspected and evaluated from various angles of a distance of 400mm.

### RATING AFTER 24 HOUR EXPOSURE – TEST METHOD BASED ON EN438-2

- 5. **No Effect** No visible change of colour / corrosion / damage on surface.
- 4. **Excellent** Very slight change of colour; only visible at certain viewing angles.
- 3. **Good** Slight change of colour of surface.
- 2. **Fair** Moderate change of colour of surface.
- 1. **Failure** Corrosion / damage on surface.

The results of the chemical tests in the chart above were based on the lowest result achieved for three different Laminex Laboratory Compact Laminate properties. The individual exceptions to the results are as below:

ITEM	GROUP	%	NIGHT SHADOW	ASHEN	VAPOUR
a	Hydrofluoric Acid	48	Excellent	Fair	Excellent
b	Nitric Acid 65% : Hydrochloric Acid 37%	1:3	Excellent	Good	Good
c	Acridine Orange	1	No Effect	No Effect	Excellent
d	Kongo Red	1	No Effect	No Effect	Excellent
e	Iodine 0.1 N	-	No Effect	Good	Good
f	Iodine Crystal	-	Excellent	Fair	Fair
g	Tincture of Iodine	-	Excellent	Fair	Fair
h	Silver Nitrate	Saturated	No Effect	No Effect	Good
i	Futural	-	Excellent	Good	Good



**RATING AFTER 24 HOUR EXPOSURE - TEST METHOD BASED ON EN438-2**

5. No visible change
4. Slight change of gloss and/or colour only visible at certain viewing angles
3. Moderate marked change of gloss and/or colour
2. Marked change of gloss and/or colour
1. Surface distortion and/or blistering

**CHEMICAL RESISTANCE**

NO.	GROUP	PERCENTAGE	CHEMICAL RESISTANT GRADE		
			24 HOURS EXPOSURE		
NO.	CHEMICALS	%	VAPOUR	ASHEN	NIGHT SHADOW
<b>ACIDS</b>					
1	Acetic Acid	98	5	5	5
2	Acetic Acid	100	5	5	5
3	Acid Dichromate	5	5	5	5
4	Chromic Acid	60	5	5	5
5	Formic Acid	90	5	5	5
6	Hydrochloric Acid	37	5	5	5
7	Hydrochloric Acid	10	5	5	5
8	Hydrofluoric Acid	48	2	4	4
9	Nitric Acid	20	5	5	5
10	Nitric Acid	30	5	5	5
11	Nitric Acid	65	4	4	4
12	Nitric Acid	70	4	4	4
13	Nitric Acid 65% : Hydrochloric Acid 37%	1:3	3	3	4
14	Perchloric Acid	60	5	5	5
15	Phosphoric Acid	85	5	5	5
16	Sulphuric Acid	25	5	5	5
17	Sulphuric Acid	33	5	5	5
18	Sulphuric Acid	77	5	5	5
19	Sulphuric Acid	85	5	5	5
20	Sulphuric Acid	96	4	4	4
21	Sulphuric Acid	98	4	4	4
22	Sulphuric Acid 77% :Nitric Acid 70%	1:1	4	4	4
23	Sulphuric Acid 85%:Nitric Acid 70%	1:1	4	4	4
<b>BASES</b>					
24	Ammonia Hydroxide	28	5	5	5
25	Sodium Hydroxide	10	5	5	5
26	Sodium Hydroxide	20	5	5	5
27	Sodium Hydroxide	40	5	5	5
28	Sodium Hydroxide flake	-	5	5	5
<b>BIOLOGIC STAINS</b>					
29	Acridine Orange	1	4	4	5
30	Alizarin Complexone Dihydrate	1	5	5	5
31	Aniline Blue	1	5	5	5
32	Basic Fuchsin	1	4	4	4
33	Carbol Fuchsin	1	3	3	3
34	Carmine	1	5	5	5
35	Eosin B	1	5	5	5
36	Gentian Violet	1	5	5	5
37	Giemsa Stain	1	5	5	5
38	Kongo Red	1	5	4	5
39	Malachite Green Oxalate	1	5	5	5
40	Methy Violet 2B	1	5	5	5
41	Methylene Blue	1	5	5	5

NO.	GROUP	PERCENTAGE	CHEMICAL RESISTANT GRADE		
			24 HOURS EXPOSURE		
NO.	CHEMICALS	%	VAPOUR	ASHEN	NIGHT SHADOW
<b>BIOLOGIC STAINS (CONT)</b>					
42	Safranine O	1	5	5	5
43	Sudan III	1	5	5	5
44	Wright Stain	1	5	5	5
<b>HALOGENS</b>					
45	Iodine 0.1N	-	3	3	5
46	Iodine Crystal	-	2	2	4
47	Tincture of Iodine	-	2	2	4
<b>SALTS</b>					
48	Iron (III) Chloride	10	5	5	5
49	Copper Sulphate	10	5	5	5
50	Potassium Iodite	10	5	5	5
51	Potassium Permanganate	10	2	2	2
52	Silver Nitrate	1	5	5	5
53	Silver Nitrate	saturated	5	3	5
54	Sodium Chloride	10	5	5	5
55	Sodium Hypochloride	13	5	5	5
56	Sodium Sulfide	saturated	5	5	5
57	Zinc Chloride	saturated	5	5	5
<b>ORGANIC CHEMICALS</b>					
58	Amyl Acetate	-	5	5	5
59	Benzene	-	5	5	5
60	Cresol	-	5	5	5
61	Dimethylformamide	-	5	5	5
62	Formaldehyde	37	5	5	5
63	Furfural	-	3	3	4
64	Gasoline	-	5	5	5
65	Hydrogen Peroxide	30	5	5	5
66	Methyl Ethyl Ketone	-	5	5	5
67	n-Butyl Acetate	-	5	5	5
68	Phenol	90	5	5	5
69	Xylene	-	5	5	5
<b>SOLVENTS</b>					
70	Acetic anhydrate	-	5	5	5
71	Acetone	-	5	5	5
72	Acetonitril	-	5	5	5
73	Buthanol	-	5	5	5
74	Carban Tetrachloride	-	5	5	5
75	Chloroform	-	5	5	5
76	Dichloro Acetic Acid	-	5	5	5
77	Dichloromethane	-	5	5	5
78	Diethyl Ether	-	5	5	5
79	Dioxane	-	5	5	5
80	Ethanol	-	5	5	5
81	Ethyl Acetate	-	5	5	5
82	Ethylene Glycol	-	5	5	5
83	Hexane	-	5	5	5
84	Methanol	-	5	5	5
85	Methyl Chloride	-	5	5	5
86	Methylisobutylketone	-	5	5	5
87	Mono Chlorobenzene	-	5	5	5
88	Naphthalene	-	5	5	5
89	Tetrahydrofuran	-	5	5	5
90	Toluene	-	5	5	5
91	Trichloroethylene	-	5	5	5

Laminex® Alfresco Compact  
Laminate will inspire you to  
spend more time outdoors.  
With outstanding resilience and  
sophisticated style, this durable  
compact laminate opens up even  
more outdoor design possibilities.  
Specifically created for exterior  
areas exposed to the elements,  
it's a revolution in outdoor living.



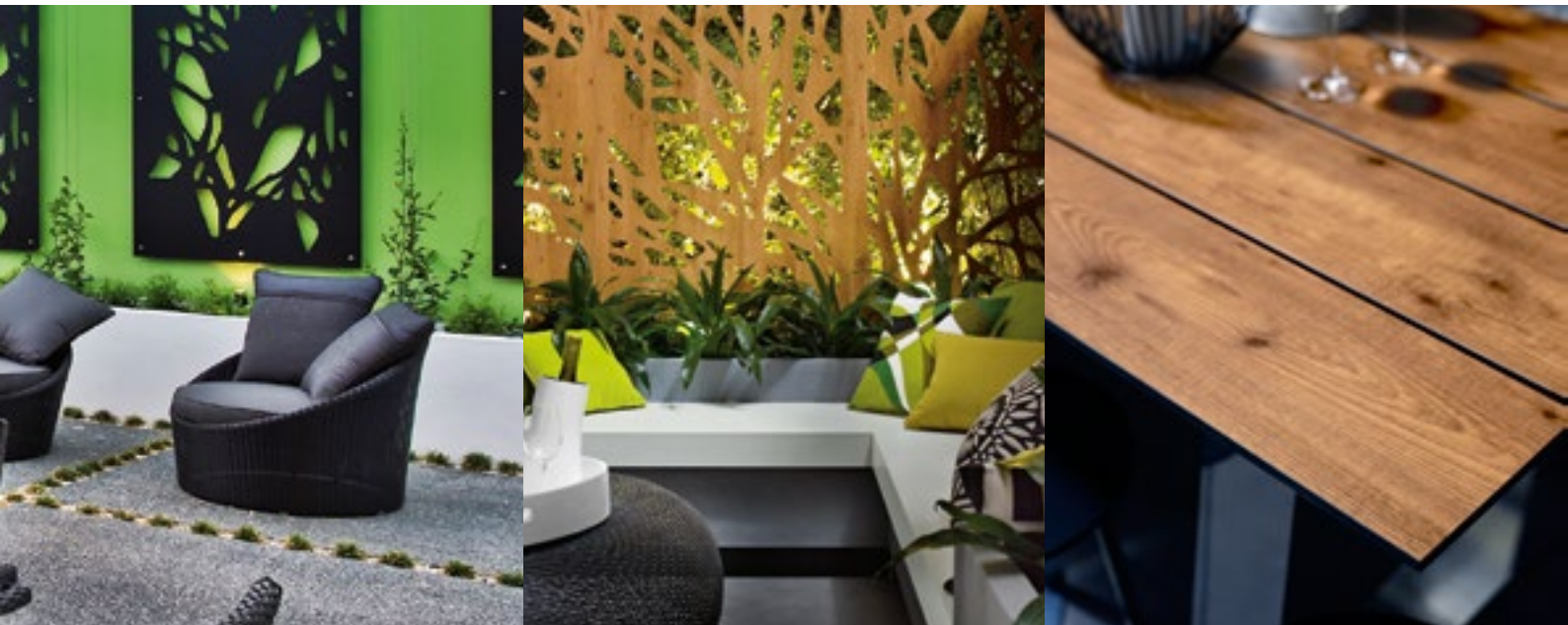


## ALFRESCO COMPACT LAMINATE

Laminex® Alfresco Compact Laminate is the revolution outdoor living has been waiting for. Made from durable Compact Laminate specifically designed for exterior areas, its outstanding resilience and sophisticated style open up even more outdoor design possibilities. Whether it's a commercial or domestic application, the superior moisture, wear and weather resistance of Laminex Alfresco Compact Laminate makes it ideal for a myriad of non-structural outdoor solutions such as alfresco kitchens, BBQ areas, outdoor furniture, tabletops and decorative panelling. Its distinctive black core not only eliminates the need for edge treatment but also serves as a striking design feature. With 8 contemporary decors to choose from including woodgrains and solids, the range is available in 3050mm x 1300mm sheets and two thicknesses. The 13mm product is suited to horizontal and vertical applications, including benchtops and decorative screens. The 6mm thickness is ideal as a stylish framed door insert. A true exterior surface solution, Laminex Alfresco Compact Laminate is the low maintenance alternative to wood and other outdoor products as no lacquering or protectants are required for upkeep. And with its 7 year limited warranty,\* Laminex Alfresco Compact Laminate will inspire you to enjoy the great outdoors even more.

### FEATURES AND BENEFITS

- Delivers superior moisture, wear, and weather resistance
- Its distinctive black core eliminates the need for edge treatment and serves as a striking design feature
- Low maintenance alternative to wood and other outdoor products
- No lacquering or protectants are required for upkeep
- 7 year limited warranty\*

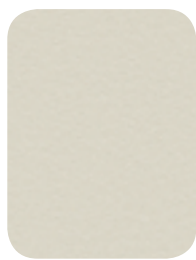


LEFT Laminex Decorative Screens **Liana** in Alfresco Compact Laminate **Manganese**. Project: Ausbuild Mango Hill display home, Queensland. MIDDLE Laminex Decorative Screens **Wildwood** in Alfresco Compact Laminate **Sawn Lumber**. RIGHT Tabletop in Laminex Alfresco Compact Laminate **Sawn Lumber**.





## COLOUR RANGE



Mortar



Stone



Sawn Lumber



Split Cedar



Brushed Beam



Sentry



Bespeckled Grey



Manganese

## APPLICATIONS

Alfresco kitchens, BBQ areas, outdoor furniture, tabletops and decorative panelling.

Laminex Alfresco Compact Laminate is not to be used in structural applications, including exterior wall cladding, building facades, balustrades, railings or swimming pool surrounds. Laminex Alfresco Compact Laminate must not be used as a fireplace surround as it is a combustible material. As with most surfaces exposed to outdoor conditions over prolonged time, some change in colour and appearance of the surface of Laminex Alfresco Compact Laminate may occur. A copy of the Laminex Alfresco Compact Laminate Technical Data Sheet is available from Laminex or visit [laminex.com.au](http://laminex.com.au).

## INSTALLATION

When installing Laminex Alfresco Compact Laminate in the vicinity of gas burners or gas barbecues, ensure that minimum clearances are maintained between the gas appliance and Laminex Alfresco Compact Laminate in accordance with AS/NZS 5601:2010 Gas Installation Code. For clearance requirements around a gas or electrical cooking appliance and a combustible surface, always adhere to the appliance manufacturer's installation requirements. Further installation details are available in the Laminex Alfresco Compact Laminate Technical Data Sheet.

## ADDED BENEFITS

### MINIMISE WASTE

The standard sizes of Laminex Compact Laminate are well adapted to practical requirements so that cutting waste is kept to a minimum. Combined with the standard thicknesses, they offer economical optimisation for any project requirement. Laminex also offers a cut-to-size service for Compact Laminate. Visit [laminex.com.au](http://laminex.com.au) for additional technical information and fabrication details.

### WORKABILITY

Standard tools for hardwood can be used for machining or processing such as sawing, drilling and routing. Neither the surface nor the sawn edges need to be protected or sealed. Panels will present a distinctive black edge. For further information visit [laminex.com.au](http://laminex.com.au).

### CARE AND CLEANING

The non-porous surface is easy to clean. For general cleaning of standard interior applications, household cleaners, water or soap are highly recommended. The use of abrasive or polishing materials should not be used. For further information visit [laminex.com.au](http://laminex.com.au).

### HANDLING AND STORAGE

For safe material handling procedures refer to the Laminex Compact Laminates MSDS or visit [laminex.com.au](http://laminex.com.au).



## LAMINEX COMPACT LAMINATES AT A GLANCE

	MULTIPURPOSE COMPACT LAMINATE	XR GRADE COMPACT LAMINATE	LABORATORY COMPACT LAMINATE	ALFRESCO COMPACT LAMINATE
Finish	Natural	Carbide	Carbide	Carbide
Colours	30 standard colours	6 standard colours	3 standard colours	8 standard colours
Decorated	Double sided	Double sided	Single sided	Double sided
Core	Black	Black	Black	Black
Thickness	13mm x 30 colours* 18mm x 4 colours*	13mm 16mm	16mm	6mm x 5 colours 13mm x 8 colours
Panel Dimension	3660 x 1830mm	3600 x 1500mm	3670 x 1530mm	3050 x 1300mm
Chemical Resistance		43 chemicals tested	92 chemicals tested	
Electron Beam Cured		Yes	Yes	Yes
Antifungal to ASTMG21-09	Yes			
Antibacterial to JISZ2801:2000	Yes			
GREENGUARD Certification	Yes		Yes	
Limited Warranty	10 years	10 years	10 years	7 years

Not all colours and thicknesses are held at all branches. Speak to your Laminex representative for further information.



**Laminex®**  
Inspire your space



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For a sample call 1800 002 204. For more information visit [laminex.com.au](http://laminex.com.au) or call 132 136.

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