



Laminex® Solid Surface sheet material is manufactured from an acrylic resin, pigments for colour and alumina trihydrate as the filler.

Laminex Solid Surface can be fabricated using standard wood working equipment. Some colours can be thermoformed to a minimum radius of 75mm.

APPLICATIONS

Laminex Solid Surface is suitable for many interior surface applications. It is ideal for kitchen and bathroom benchtops, counters, reception desks, wall and column cladding, commercial bars and many other vertical and horizontal applications.

Laminex Solid Surface is non-porous with consistent colour throughout the sheet. It cannot delaminate and resists many stains. It has excellent hygienic performance. Laminex Solid Surface is NSF 51 Certified for Food Preparation areas, that can be applied in many applications where sanitation is of the utmost importance, such as Kitchen Countertops, Hospitals, Playrooms, Schools, and many more.

Laminex Solid Surface carries the Declare Red List Free status which shows it is free of the worst in class chemicals and materials from a human and ecological health standpoint across the lifecycle of the product.

SUPPLY AND WARRANTY

Laminex Solid Surface is supplied only through authorised fabricators. The product is covered by a 10 year limited warranty by Laminex New Zealand when fabricated and installed according to the Fabrication Manual by authorised fabricators and installers.

SURFACE PROPERTIES

Laminex Solid Surface is made from an acrylic resin system.

Laminex Solid Surface has high resistance to many chemicals and is therefore, an ideal laboratory benchtop material. However, in all cases, testing of chemicals and stains should be undertaken prior to any final decision, due to the wide and varied chemical types and concentration.

Note: Test Results may vary due to colour and exposure time. It is highly recommended that all stains are removed as quickly as possible to reduce the staining of the surface. Certain chemicals may damage Laminex Solid Surface.

LIMITATIONS

Laminex Solid Surface withstands normal wear and tear. Here are some guidelines to assist in Laminex Solid Surface application and use:

Avoid leaving hot appliances or utensils in direct contact with Laminex Solid Surface. Use a trivet for hot pans or utensils to protect the surface.

Laminex Solid Surface is intended for interior use only.

Refrain from sliding hard or heavy objects across the counter top surface as this may cause scratching. Scratching on darker surfaces will be more visible than on lighter colours and will require more ongoing maintenance.

Do not allow dry ice to come into contact with Laminex Solid Surface.

Do not cut directly on Laminex Solid Surface.

THERMOFORMING GUIDE

Unlike many other materials, Laminex Solid Surface can be thermoformed to create any desired shape to fit your needs. Please see the table below to find the minimum radius that each colour can be thermoformed to.

12mm Colours

Colour name	Colour code	Minimum internal thermoforming radius
Chalk	S-016	75mm
Champagne	BL-015	175mm
Clara	ST-101	175mm
Cubic White	C-001	125mm
Ebony Timber	BL-253	175mm
Helsinki	B-031	300mm
Moreno	ST-105	175mm
Neon Orange	M-005	75mm
Oslo White	B-012	300mm
Palermo	G-008	175mm
Pegasus	GL-001	175mm
Pure Arctic	T-021	75mm
Real White	S-001	75mm
Sedimentary	BL-205	175mm
Silverstone	D-001	75mm
Slate Grey	BL-206	175mm
Terrasienna	GAR-007	175mm
Tierra	B-030	300mm
Yuri Grey	RE-05	175mm

6mm Colours

Colour name	Colour code	Minimum thermoforming radius
Chalk	S-016	25mm

LAMINEX SOLID SURFACE COMPOSITION

Laminex Solid Surface is made with a composition of Methyl Methacrylate (MMA) and Poly Methyl Methacrylate (PMMA) resin filled with Alumina-Trihydrate and other specialised formula to give it the timeless beauty and quality.

Material Name	Component
MMA (Methyl Methacrylate)	Resin
PMMA (Poly Methyl Methacrylate)	Resin
AL (OH) 3 – Alumina Trihydrate	Filler
Cross Linking Agents, Stabilisers, Curing Agents, Pigments, etc.	Curing additives

PRODUCT RANGE FABRICATION

The fabrication and installation of all components using Laminex Solid Surface should be carried out by an authorised Laminex Solid Surface Fabricator.

Thickness	Sheet size
6mm	2490 x 760mm
12mm	3680 x 760mm
19mm	3070 x 760mm

MAINTENANCE

On a day-to-day basis, Laminex Solid Surface can be kept clean using a sponge and soapy water. For any marks, stubborn stains etc, or for a thorough clean use a mild abrasive cleanser, like Ajax® or Jif®, and a soft cloth with lots of water.

Using these regularly helps to maintain a beautiful, satin lustre on your surface.

To repair large chips, deep scratches, severe burns etc, a Laminex Solid Surface Fabricator must be contacted.

Should further information on Laminex Solid Surface be required, contact Laminex New Zealand on 0800 303 606 from anywhere in New Zealand for fabricator, display and general advice.

FOOD SERVICE COUNTERTOPS

Food service counter tops will require different design, fabrication and installation techniques due to the Laminex Solid Surface benchtop's possible exposure to greater temperature stresses than a residential installation.

CLEANING RECOMMENDATIONS FOR COMMON CHEMICALS

Classification	%	Gritty Cleaner or Water	Scotch Brite™ (or Sandpaper for professional repair)	Classification	%	Gritty Cleaner or Water	Scotch Brite™ (or Sandpaper for professional repair)
Acetic Acid	5	✓		Kerosene	20	✓	
Acetic Acid	10	✓		Methyl Alcohol	5	✓	
Acetic Acid	90		✓	Methyl Ethyl Ketone		✓	
Acetic Acid	98		✓	Mineral Oil		✓	
Acetone		✓		Nitric Acid	10		✓
Aqua Regia			✓	Nitric Acid	30		✓
Ammonia	10	✓		Nitric Acid	40		✓
Ammonium Hydroxide	5	✓		Nitric Acid	70		✓
Ammonium Hydroxide	28	✓		Phenol	40		✓
Benzene		✓		Phenol	85		✓
Calcium Thiocyanate	78	✓		Phosphoric Acid	25		✓
Chloric Hydroxide	20		✓	Phosphoric Acid	85		✓
Chloroform	100		✓	Silver Nitrate	10	✓	
Citric Acid	10	✓		Sodium Hydroxide	10	✓	
Dimethyl Formamide		✓		Sodium Hydroxide	25	✓	
Ethanol	95	✓		Sodium Hydroxide	40	✓	
Ethyl Ether		✓		Sodium Hypochlorite		✓	
Formic Acid	88		✓	Sodium Sulphate		✓	
Formaldehyde		✓		Sulphuric Acid	25	✓	
Furfural			✓	Sulphuric Acid	30	✓	
Gasoline		✓		Sulphuric Acid	77		✓
Hydrochloric Acid	10	✓		Sulphuric Acid	96		✓
Hydrochloric Acid	20	✓		Toluene			✓
Hydrochloric Acid	37	✓		Xylene		✓	
Isopropyl Alcohol		✓		Zinc Chloride		✓	

TEST METHOD

Test method is based on 16 hours of exposure per substance. For exposure to chemicals other than as seen above, it is recommended to test on a sample piece of Laminex Solid Surface to confirm suitability for application. Common domestic residues, such as the examples listed below, may be removed with water and household cleaners.

Alcohol	Hair dyes	Shoe polish
Ink	Juices	Soy sauce
Cigarette stain	Lipsticks	Sugar
Coffee	Lotions	Tea
Cooking oil	Mustard	Tomato sauce
Crayon	Nail polish	Vinegar
Curry powder	Pencil lead	Wine
Make-up	Salt	Food colouring