

Formica Chemtop Laminate Technical Data

Unless otherwise indicated, the following reagents caused no effect on Formica Chemtop after 16 hours contact.

**Slight colour changes occurred over 16 hour period of test. Shorter exposure to chemicals in question will not necessarily produce staining.*

Acids	Concentration	Tetrahydrofuran	Silver Nitrate	Concentration
Acetic Acid (all concentrations)		Toluene	Zephiran Chloride	17%
Chromic Acid*	60%	Xylene	Zinc Oxide	
Dichromate Cleaning Solution*				
Formic Acid	90%	<u>Other reagents</u>	<u>Concentration</u>	<u>General Reagents</u>
Glacial Acetic Acid		Amyl Alcohol		Concentration
Hydrochloric Acid	10%	Calcium Hypochlorite		Cellosolve
Hydrochloric Acid conc.	37%	Copper Sulphate	10%	Kerosene
Nitric Acid	20%	Ferric Chloride	10%	Nail Polish Remover
Nitric Acid*	70%	Phenolphthalein	1%	Pine Oil
Perchloric Acid	60%	Potassium Permanganate*	2%	Sodium Hypochlorite
Phosphoric Acid	85%	Trichloroethylene		5%
Sulphuric Acid	10%			Trisodium Phosphate
Sulphuric Acid*	96%			30%
		<u>Hospital & Health Care</u>	<u>Concentration</u>	Urea
		Amyl Alcohol		6.6%
		Aniline Blue	2.5%	Vegetable Oil
<u>Alkalis</u>	<u>Concentration</u>	Bromocresol Green Solution		
Ammonium Hydroxide	28%	Chloroform		<u>ANSI/NEMA Reagents</u>
Potassium Hydroxide	15%	Eosin Solution		Concentration
Sodium Carbonate Sat		Ethyl Alcohol		Acetone
Sodium Hydroxide	40%	Ethyl Ether		Betadine
Sodium Sulphide	15%	Eucalyptol Ferric		Citric Acid
		Subsulphate purified	13-14%	10%
		Eugenolfluoride Rinse		Distilled Water
		Formaldehyde	37%	Ethanol
		Gentian Violet	1% Solution	50%
		Hematoxylin		Fresh Coffee
		Hydrogen Peroxide	3%	Household Ammonia
		Hydrogen Peroxide	20%	#2 Pencil
		Iodine Tincture	2%	Stamp Pad Ink
		Isopropyl Alcohol		Shoe Polish
		Mercurochrome		Tea Bag
		Methyl Alcohol		Vegetable Oil
		Methylene Blue		Wax Crayon
		Mineral Oil		Yellow Mustard
		Petroleum Jelly		
		Povidine Iodine (Betadine)		
				<u>Sheet Size</u>
				3600mm x 1500mm
				<u>Texture</u>
				Chematte

Chemical attacks (similar to those outlined) may be minimized by following good laboratory practices; i.e. handle all corrosive material in fume hoods and wipe up any spillage immediately.

For more product information or order enquiries please phone The Laminex Group on 0800 303 606 ,
If you require a sample, please phone our QuickChip Sample Service on 0800 99 99 39 or fax 0800 99 99 59.



Due to the printing process Chemtop™ colours printed here may vary slightly from the actual products.
Be sure to refer to actual product samples before specifying.

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Chemtop™



Chemtop™

Chemical Resistant Laminate

Description

Formica Chemtop chemical resistant laminate is a high pressure decorative laminate with greater resistance to a wide variety of harsh chemicals that might damage an ordinary melamine surface.

Chemical resistance is achieved through the use of the Chematte integral coating process, where decorative surface papers treated with a special resin formulation are combined with phenolic-treated kraft paper and consolidated in a press at high pressure.

Applications

Formica Chemtop is available as a postforming grade which may be postformed around a 12.5mm external radius and a 12.5mm internal radius. Postforming provides a practical edge with excellent protection against chemicals attacking a fabricated seam.

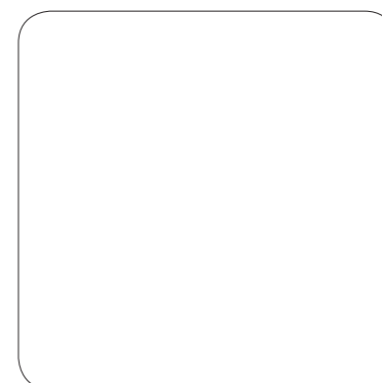
Formica Chemtop is designed for interior horizontal and vertical surfaces where design, appearance, quality, durability and resistance to relatively harsh acids, alkalis, corrosive salts and other destructive or staining substances are required. Horizontal surfaces include counters, lab benches, tabletops and other work surfaces in chemical, medical, scientific, pathogenic laboratories, clinics, photographic laboratories, mortuaries, nursing stations, dental laboratories and other institutional uses. Vertical surfaces include cabinets, cabinet fronts, wall splash back panels and screens.

Limitations

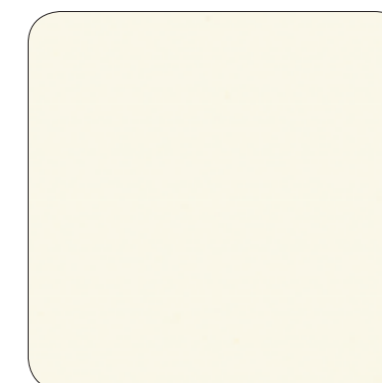
Formica Chemtop laminate is not recommended for application directly to plaster, gypsum board or concrete. It should not be used in areas where temperatures exceed 135°C for prolonged periods of time, or for exterior applications. Do not expose to continuous, direct sunlight. Do not chop, slice, pound or hammer on Formica Chemtop surface. The use of abrasive cleaners will reduce the chemical resistance of Formica Chemtop. For more detailed technical information, view Chemtop Technical Data Sheet on The Laminex Group website: www.thelaminexgroup.co.nz

Colours

The 8 colours shown here are available (other colours from the Formica range may be available to order and minimum quantities will apply.)



Brite White



Antique White



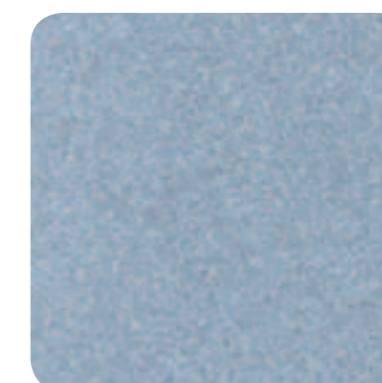
Beige Grafix



Folkstone



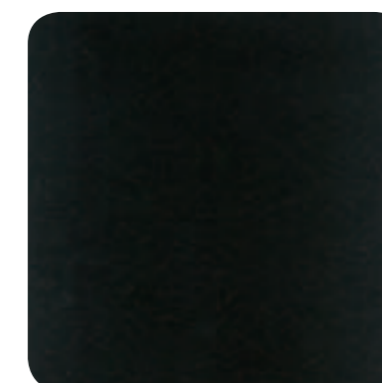
Folkstone Grafix



Blue Silk Grafix



Storm Solidz



Black



NOTE: Formica Chemtop incorporates a special integrated coating which gives the product its chemical resistant properties and a slightly different hue from its corresponding standard high pressure laminate. This colour difference does not constitute a defect. Review actual laminate samples before specifying. "Butt" joints between Formica Chemtop and standard laminate are not recommended, while horizontal/vertical matches are generally acceptable.