

Laminado con resistencia a productos químicos - Chemical resistant laminate

ChemLam[®]

by

 Lamitech



surface
materials



Lamitech

lamitech.co

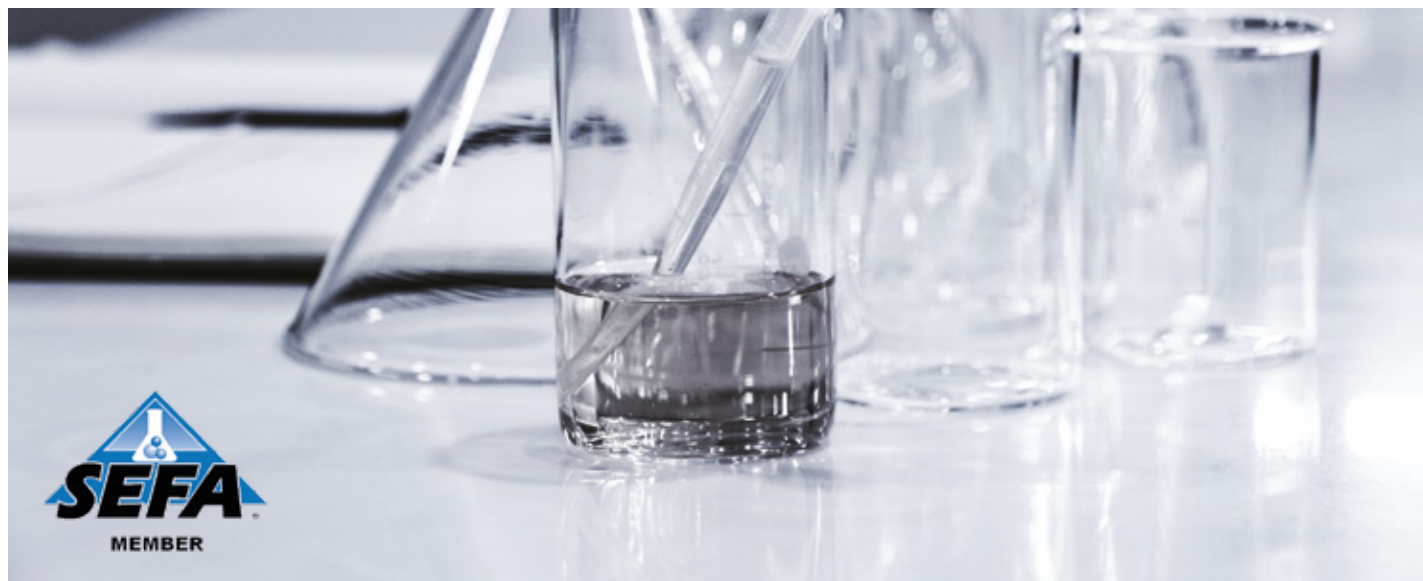


WHY CHOOSE CHEMLAM?

ChemLam is a high pressure laminate produced with patented technology for surfaces that are exposed to the most stringent and demanding applications, and ideal for surfaces that require resistance to chemicals.

At Lamitech, safety and quality are always our priority!

Our product is certified in SEFA-3, the most important global standard that guarantees the quality and safety of laboratory furniture, ensuring better performance and durability of the surface.



FEATURES:



High resistance to impact.



Moisture resistant.



No substrate required.



Inert material, preventing the growth of fungi, or moss on the surface.



A Carbon neutral driven Company.

Produced under a system that measures, controls and balances emissions. We compensate our footprint and favor the environment.



It is easily assembled with all bases of different materials, using inserted screws to get a mechanical fix, or by using adhesives.

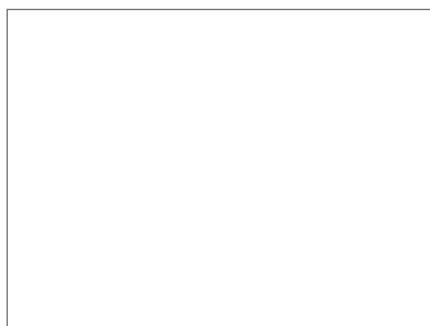


Easy to clean with all kinds of non-abrasive liquid detergents, disinfectants and solvents commonly used.

Due to its electron beam technology, ChemLam has excellent performance in corrosive environments and resistance to scratching and staining. **ChemLam is the ideal surface for extreme working conditions** against acids, salts, pigments, organic solvents and many other agents that do not alter its surface according to European Standard EN-438.



PORTFOLIO:



○ White 2134



● Grey 2326



● Black 2133

Matte finish. No post-forming

Color / Pattern available only in:

- 4 x 8 ft (1.22 x 2.44 m)
- 4 x 10 ft (1.22 x 3.06 m)
- 4 x 8 ft (1,22 x 2,44 m)
- 4 x 10 ft (1,22 x 3,06 m)
- 5 x 12 ft (1,53 x 3,66 m)

Thicknesses

From 2/64" to 1/2" (0.7 mm to 13 mm), one-sided, two-sided, brown or black core. Similar thicknesses can be manufactured upon request.

RECOMENDATIONS:

- It should not be exposed to direct and continuous light from the sun.
- If you place hot objects (temperatures above 135°C) or perform cutting tasks with sharp devices, please use a wooden or ceramic base as a protector.

For additional guidance on quality, designs, availability, sizes, costs, etc, please visit surfacematerials.com and contact one of our representatives.

STAINING TEST RESULTS

AGENT	CHEMICAL	GRADE
1	Acetato de Amilo	0
2	Acetato de Etilo	0
3	Ácido Acético, 98%	0
4	Acetona	0
5	Ácido Dicromico, 5%	0
6	Butanol	0
7	Etanol	0
8	Metanol	0
9	Hidróxido de Amonio, 28%	0
10	Tetracloruro de Carbono	0
11	Cloroformo	0
12	Ácido Crómico, 60%	0
13	Cresol	0
14	Ácido Dicloroacético	0
15	Dimetilformamida	0
16	Dioxano	0
17	Éter Étilico	0
18	Formol al 37%	0
19	Ácido Fórmico al 90%	0
20	Furfural	0
21	Gasolina	0
22	Ácido Clorhídrico al 37%	0
23	Ácido Fluorhídrico al 48%	0
24	Peróxido de Hidrógeno al 30%	0
25	Tintura de Yodo	2
26	Metiletilcetona	0
27	Cloruro de Metilo	0
28	Clorobenceno	0
29	Naftalina	0
30	Ácido Nítrico al 20%	0
31	Ácido Nítrico al 30%	0
32	Ácido Nítrico al 70%	2
33	Fenol al 90%	0
34	Ácido Fosfórico, 85%	0
35	Nitrato de Plata	1
36	Hidróxido de Sodio al 10%	0
37	Hidróxido de Sodio al 20%	0
38	Hidróxido de Sodio al 40%	0
39	Hidróxido de Sodio en escamas	0
40	Sulfito de Sodio, saturado	0
41	Ácido Sulfúrico al 33%	0
42	Ácido Sulfúrico al 77%	1
43	Ácido Sulfúrico al 96%	2
44	Á. Sulfurico 77% & Á. Nitríco 70%, partes iguales	1
45	Tolueno	0
46	Tricloroetileno	0
47	Xileno	0
48	Cloruro de Zinc	0

ChemLam is ideal for applications in: laboratories, the health sector, pharmaceutical industry, where very strong chemical agents, cleaners or disinfectants are used and handled.

Also in the food industry, processing plants, industrial kitchens, oxidizing environments and maintenance rooms.



GRADES AND CRITERIA

Grade 0: No detectable change in surface

Grade 1: Slight detectable change in color or gloss, but no change in surface life or function.

Grade 2: A clearly detectable change in color or gloss, but no significant deterioration in surface life or function.

Grade 3: Blistering, cratering, swelling, obvious and significant deterioration affecting the function of the material.

Note:

Chemical resistance test under SEFA 3 method.

Exposure time: 24 hrs.