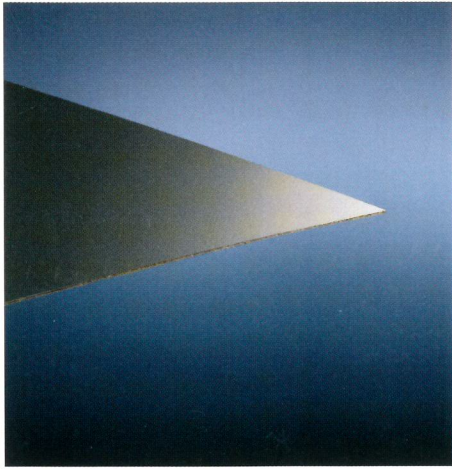




FORMICA

USE & CARE GUIDELINES



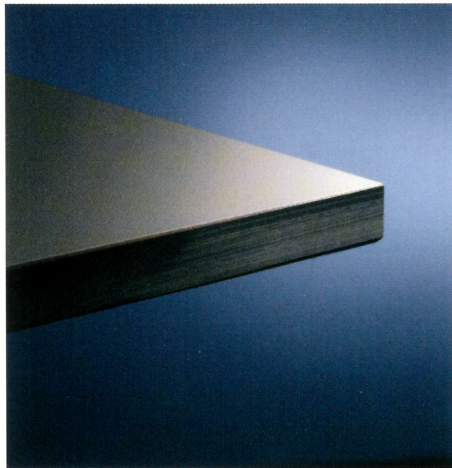
Formica® Laminate

THE ORIGINAL HIGH PRESSURE LAMINATE *by* FORMICA GROUP

Formica® High Pressure Laminate (HPL) is manufactured through fusing multiple layers of impregnated paper under high pressure and temperature to create a hard wearing, low maintenance and hygienic surfacing material. Formica HPL is the ideal solution for the demanding environment that is the modern washroom. Colors, Patterns and Wood designs in high pressure laminate are available in horizontal grade postforming (HGP) as standard. Flame retardant HPL (VFP grade) is also available on request.

Grade HPL/EN 438-3 HGP
Horizontal, General Purpose, Postforming high pressure decorative laminate. (0.7mm nominal thickness)

Grade HPL/EN 438-3 VFP
Vertical, Flame retardant, Postforming high pressure decorative laminate. (0.7mm nominal thickness)



Formica® Compact

STRUCTURAL LAMINATES *by* FORMICA GROUP

Formica® Compact is a high pressure structural laminate, built up from multiple layers of kraft paper. It has a decorative face on both sides and is ideal for interior use in washroom cubicles or locker doors, wall panels or furniture. It is particularly suited to use in high humidity, high impact areas. Compact is impressively strong and damage resistant and has remarkable structural stability, requiring no substrate support in a 12mm thickness. Formica Compact is certified by the CE Mark to meet or exceed conformity with European consumer safety, health and environmental requirements. Flame retardant Compact (CGF grade) is also available on request.

Grade HPL/EN 438-4 CGS
Compact, General Purpose, Standard high pressure decorative laminate. EN 13501 Euroclass C-s1,d0

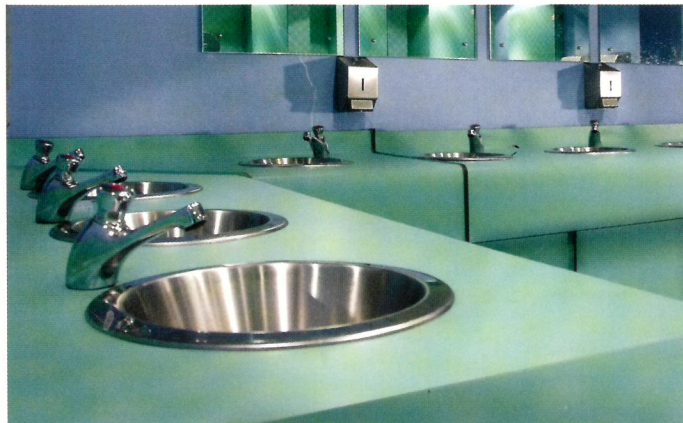
Grade HPL/EN 438-4 CGF
Compact, General Purpose, Flame retardant high pressure decorative laminate. EN 13501 Euroclass ≥ 6mm B-s1,d0 < 6mm B-s2,d0



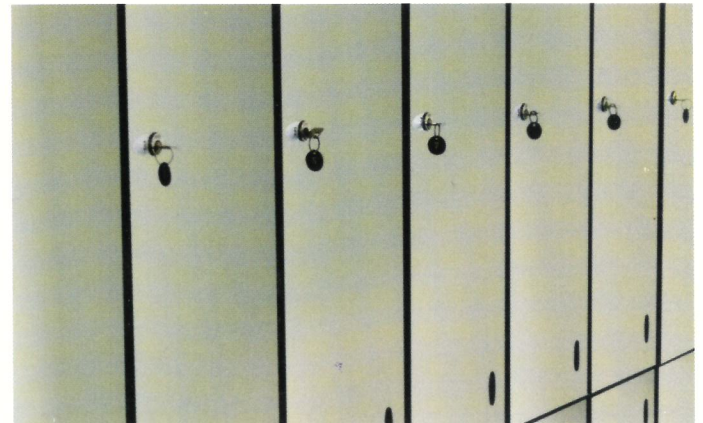
Cubicles



IPS



Vanity Units



Lockers

Light Reflectance Values (LRV)

The light reflectance value (LRV) is the proportion of light reflected by colour, as measured in daylight conditions. This guidance uses a scale of 0 – 100, where 0= black and therefore total light absorption, whereas 100=white and therefore total light reflection. We provide LRV values for laminates in the availability table.

Maintenance of High Pressure Laminates

Formica® decorative laminates do not easily scratch or chip. They will withstand normal wear and tear, but should never be used as a cutting or chopping surface.

Properly fabricated, they provide very durable surfaces suitable for public areas. They resist the effects of vandalism.

To clean laminate surfaces, use water and mild detergent. For stubborn stains, we recommend non-scratch liquids or creams, such as 'Cif', 'Flash' or 'Mr Muscle'.

More persistent marks and discolouration (for example, after long exposure to tobacco smoke or industrial grime) can usually be removed by careful use of a mild abrasive cream or paste cleaner. Do not use scouring pads or harsh abrasive cleaning agents.

Ink marks from felt-tip and ball-point pens can be removed with a solvent such as methylated spirits or acetone on a clean cloth. Organic solvents such as white spirit and cellulose thinners can also be used to remove paint splashes and graffiti, as they will not affect the laminate surface.

Do not use acid-based ceramic cleaners and limescale removers, which can cause permanent staining. Wash any spillage or splashes of these cleaners from the laminate surface immediately.

After using a cleaner, rinse the laminate surface with clean water and polish dry with a soft cloth. Proprietary window cleaning products such as 'Windowlene' are excellent for removing drying marks and smears on the finish.

Do not use furniture polishes. These cause a build up of silicone wax on the surface, possibly causing eventual discolouration and smear marks which can be very difficult to remove.

Deeply-textured finishes are more difficult to clean than smooth surfaces and light textures. To remove deep-seated, stubborn stains and marks in textured surfaces use a nylon bristle brush in conjunction with any of the above cleaners.

Formica® HGP Grade Laminate: Physical Properties

Property	EN 438-2 Test Method	Typical Value	Specification Limit
Wear resistance	6	450 revolutions	350 minimum
Boiling water resistance	7	14.0% mass 17.0% thickness	16.5 maximum 19.0 maximum
Dry heat resistance	8	Rating 5	4 minimum
Dimensional stability at elevated temperature	9	L 0.16% T 0.45%	0.58 maximum 1.06 maximum
Dimensional stability at ambient temperature	10	L 0.06% T 0.29%	0.39 maximum 0.62 maximum
Impact resistance	11	28 Newtons	20 minimum
Cracking resistance	13	Rating 5	4 minimum
Scratch resistance	14	3.5 Newtons	2.0 minimum
Stain resistance	15	(Reagents 1+2) 5 (Reagents 3+4) 5	5 minimum 3 minimum
Lightfastness	16	Wool standard 7	6 minimum
Cigarette resistance	18	Rating 4	3 minimum
Formability	20	10mm	15 maximum
Blister resistance	22	40 secs	15 minimum
Steam resistance	24	Rating 5	3 minimum