

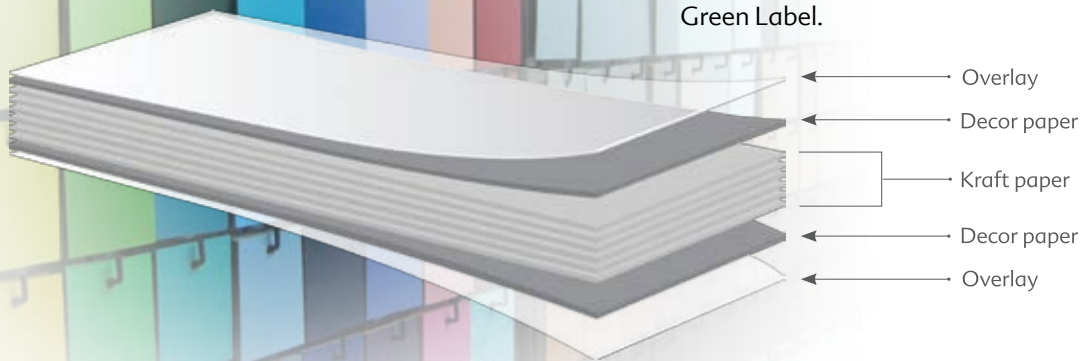
High Pressure Laminate

Compact Board

BESCO™ has been working with prestigious board manufacturers for more than a decade. With high expertise in technical and design background, we are able to provide our satisfied customers with quality High Pressure Laminate (HPL) compact board on our products ranging from restroom cubicle systems to locker systems.

With a wide range of solid colours, woodgrains and tactile patterns available in matt, glossy or 'MicroDot' finishing, there is no reason not to let your design creativity run wild.

HPL compact boards used in our systems are certified by Singapore Environment Council with Singapore Green Label.



Types of Laminate	Dimension (mm)	Thickness Availability	Remarks
Solid Colours	3660 x 1830 2440 x 1830 1220 x 2440	3mm, 6mm, 8mm, 9mm, 12mm, 13mm, 16mm, 18mm, 19mm, 20mm, 25mm	Available in Matte or Gloss Finish
Wood Grains			Available in Naturelle, Matte & Artisan Finish
Deco Metal (available in thin laminate only)			Available in Mirror, Matte, Brushed, Studs & Stipple Finish
Tactile			The latest finish in the collection for solid colours

- Kraft Paper - A type of paper "sandwiched" to form up the thickness of the HPL board
- Phenolic Resin - A chemical acting as a gluing agent to hold the Kraft paper together
- Decor Paper - The outermost layer which is applied to give the board its appearance
- Overlay - A protective layer applied to the board's surface for scratch resistant

Product Performance

Wide Choice of Colours

Flexibility of Design and Space Saving

Graffiti Resistant

Colours Fast and Durable

Water Resistant

Burn Resistant

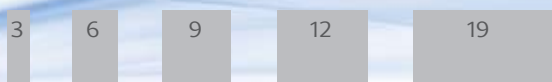
Impact Resistant

Scratch Resistant

Chemical Resistant

Length

1 in = 25.4 mm	1 cm = 0.394 in
1 ft = 30.5 cm	1 m = 3.28 ft
1 yd = 0.914 m	1 m = 1.09 yd



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Property	Test Method	Typical Value	Specification Limit
Boiling Water	EN438-7 The effect of immersion in boiling water for two hours is determined by the increase in mass and thickness of the test specimen and by noting the occurrence of any blistering or delaminating. The lower the tolerance, the higher the resistant to boiling water.	8.4	Max. 11.5
Fire Rating	EN476-6 The result being expressed as a fire propagation index provides a comparative measure of the contribution to the growth of fire made by an essentially flat material, composite or assembly. The specimen of the product (HPL Compact Board) is subjected to a specific heating regime with consideration of the combined effect of factors such as ignition characteristics, the amount and the rate of heat release, and the thermal properties of the product in relation to their ability to accelerate the rate of fire growth. EN476-7 Test for measuring lateral spread of flame along the surface of a specimen of a product orientated in the vertical position under opposed flow conditions. Classification system is based on the rate and extent of the spread of flame with test rating from 1 to 5. The lower the rating, the higher the resistant to fire.	Class 1	Min. Class 1
Heat	EN438-8 Specimen (HPL Compact Board) is subjected to dry heat by process of contacting at 180° and cooling down, during the 20 minutes of contact. Resistance to the test conditions is accessed by visual examination to determine the suitability of use in kitchens where contact with moderately hot cooking utensils is to be expected. Test rating is from 1 to 5. The higher the rating, the higher the resistant to dry heat.	Rating 5	Min. 4
Impact	EN438-11 Specimen (HPL Compact Board) is tested by spreading a sheet of carbon paper onto the test area and subjected to the impact of a steel ball that is allowed to fall from a known height. Impact resistance is expressed as the maximum drop height which can be achieved without incurring visible surface cracking or producing an imprint greater than a specified maximum diameter.	2.8 Newton	Min. 2.0
Stain	EN438-15 Test specimens are left in contact with a series of stain agents which are likely to be encountered in everyday use. At the end of the specified contact period, the specimens are washed and examined for residual surface marks. The higher the value, the higher the resistant to stain.	5	Min. 4
Scratch	EN438-2 The minimum load applied to a diamond scratching point of defined geometry which produces a continuous surface mark visible to the naked eye. The higher the value, the higher the resistant to scratch.	4.0 Newton	Min. 2.0

