

COMPACT laminates

polytec
laminates

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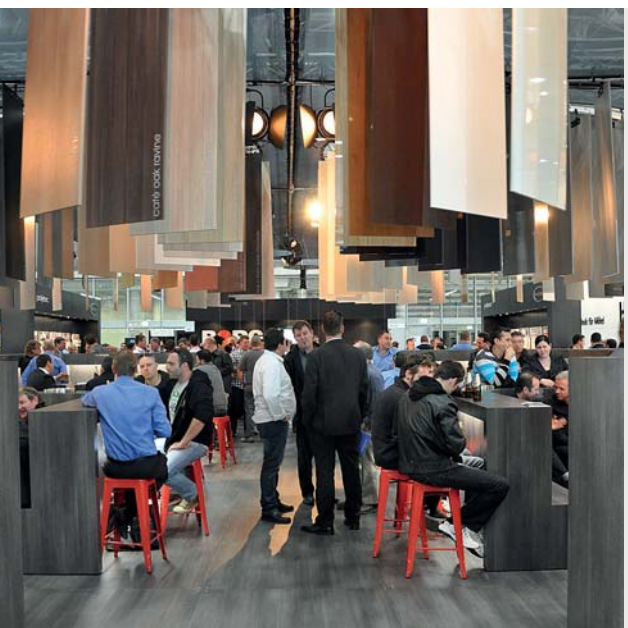


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BORG
MANUFACTURING

With an outstanding array of colours, styles and surface finishes, the **polytec laminates**' range comprises of HIGH PRESSURE LAMINATES (HPL), CONTINUOUS LAMINATES (CPL) and COMPACT LAMINATES (CL). We are able to maintain excellent technical properties with a high degree of consistency, resulting in the best quality products manufactured to the highest quality standards.

polytec laminates is owned by an Australian private company Borg and with the latest in world class technology, product development and at the forefront of innovation, Borg has grown to be one of the largest decorative surfaces manufacturers in Australia with over 1200 employees and four manufacturing sites.

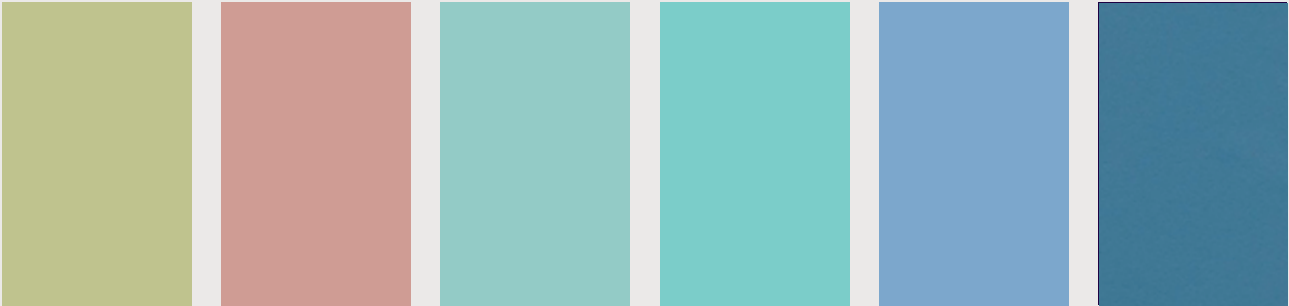
All **polytec** products conform to the appropriate international standards and we are committed to responsible manufacturing, the environment and the safety of our employees.

polytec colours combine modern trends with popular classics to create a fashionable range in a selection of thicknesses, sizes and surface finishes. From benchtops to desks and furniture, cubicle partitions and lockers whatever your project requires, **polytec laminates** provide a hard wearing, long lasting and low maintenance surface at an affordable price.

solid

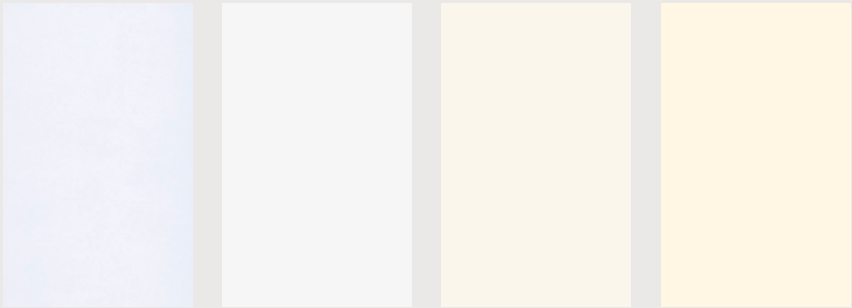


Vintage Red Yellow Lux Citrus Nordic Blue Green Ebony Black

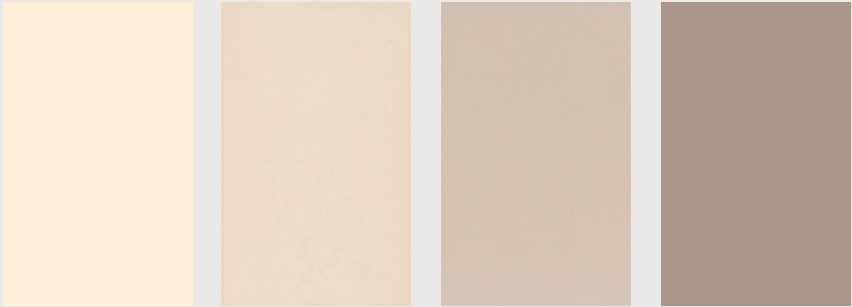


Green Tea Blush Pink Nile Verdant Azur Blue Sky Blue Marine Blue

solid



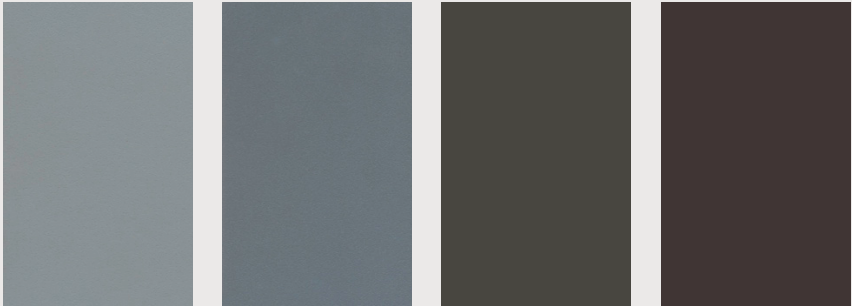
Arctic White Polar White Natural White Parchment



New Antique White Sand Beige Rosa Beige Mountain Pepper



Cool Grey Warm Grey Dust Grey Oyster Grey



Grigio Grey New Slate Grey Fossil Leather



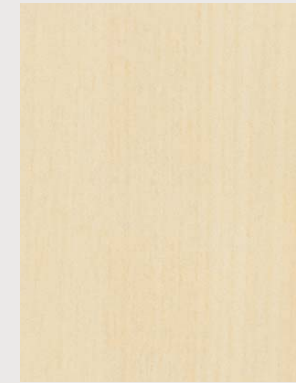
woodgrain



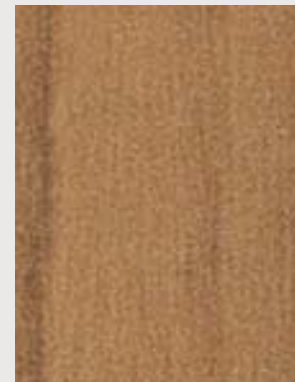
Natural Oak



Tuross Oak



Bergenz Maple



Java Teak



Palace Teak



Café Oak



Shannon Oak



Tessuto Milan



Artisan Oak



Belgian Oak

woodgrain



Marni Lini



Gesso Lini



Rocco Lini



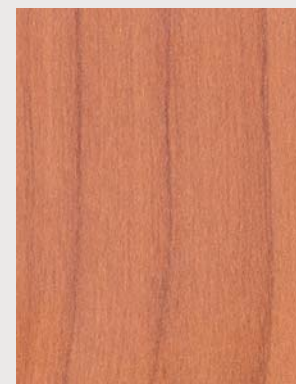
Truffle Lini



Flinders Pear



Hastings Beech



Hunter Cherry



Salome Birch



stone



Pumice Micro



Puntinella B



Quarry Micro



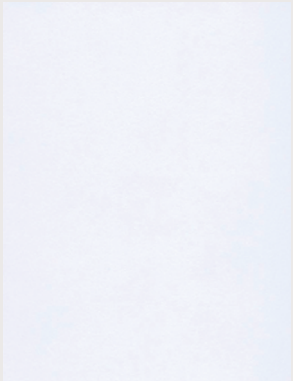
Navy Puntinella



Cabernet Micro



Sommerstone



Arctic White



Puntinella B



Ebony Black

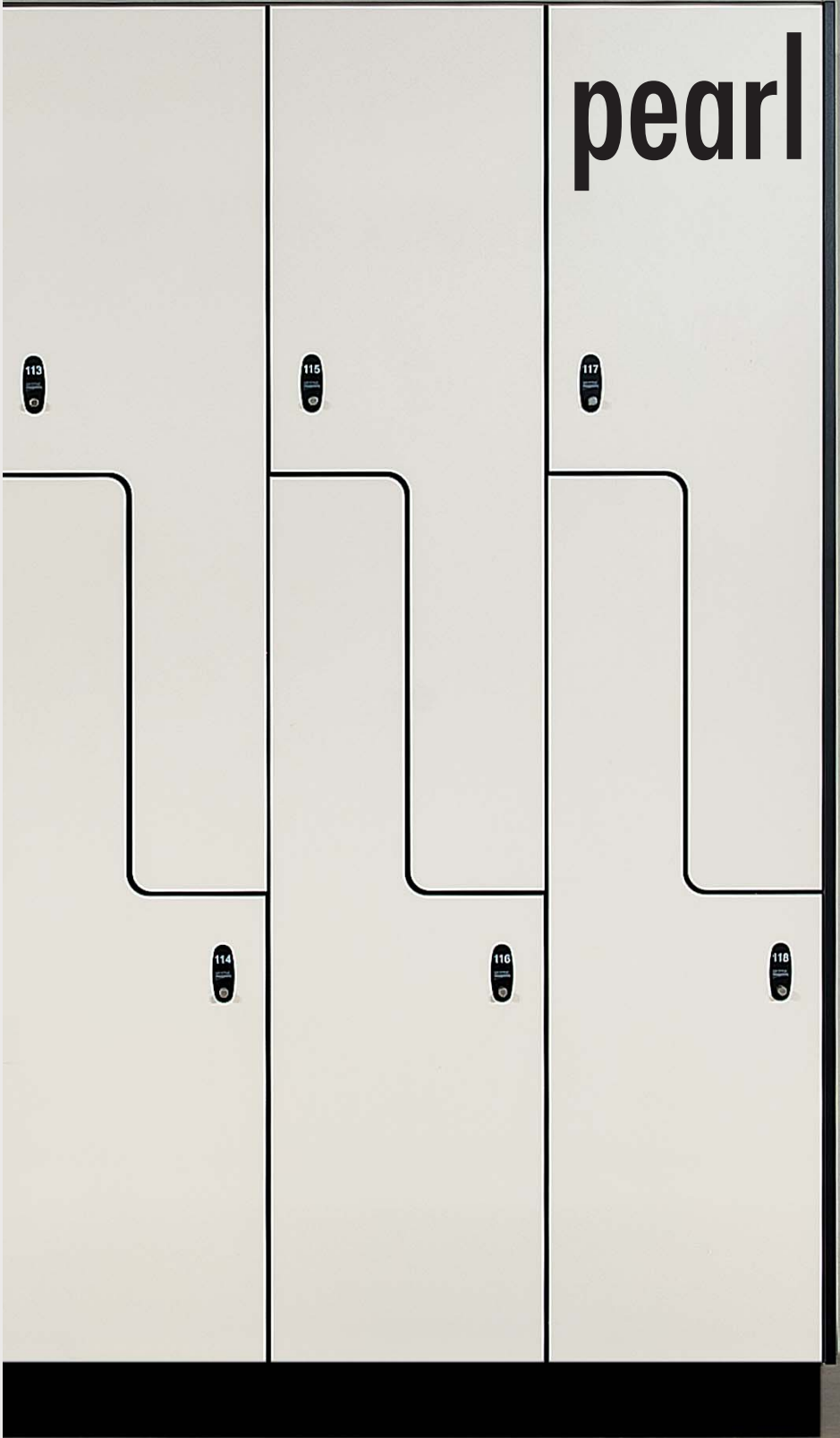


Navy Puntinella



Sommerstone

pearl



ravine



Tuross Oak



Tessuto Milan



Palace Teak



Artisan Oak

Natural Oak

technical INFORMATION

GENERAL INFORMATION

polytec COMPACT LAMINATES comprise of top-quality materials with excellent technical properties. They consist of cellulose selected papers, impregnated with resin and produced under heat and high pressure.

Comprises of quality materials with excellent technical properties :

- impervious to water, ideal for use in wet areas
- great colour range covering all of the top selling colours in market
- very strong and self supportive structural properties
- high density, providing extremely good impact resistance
- durable surface finish which is hard wearing with good scratch and scuff resistance
- hygienice, easy to clean and maintain

Meets the requirements of EN 438-2 and NEMA LD3-2000, and tested by PSB (Singapore Productivity and Standards Board) and SIRIM (Standard Industrial Research Institute of Malaysia).

Standard size : 3660 mm x 1830 mm, 13mm substrate.

Please contact our sales representatives for different sizes.

CLEANING

COMPACT laminates should be cleaned as follows:

Using a mild household spray wipe down the COMPACT laminate with a soft cloth taking care not to rub too hard. Dry using a soft cloth so as not to leave any solvent on the COMPACT laminate.

You may also use Methylated Spirit on a soft cloth, using a circular cleaning motion.

Thoroughly clean over the wider area with water and detergent on a damp cloth afterwards to remove any residual Methylated Spirit.

Always ensure that you refer to the recommendations provided by the cleaning product manufacturer before use.

MAINTENANCE

To ensure that your Warranty will not be void, DO NOT use any of the following on COMPACT laminate:

Commercial Cleaning Products, Abrasive Cleaners, Scouring Pads or Abrasive Papers, Solvents, Thinners, Turpentine (Turps), Ammonia, Bleach, Acetone, M.E.K. and any other cleaning agents containing Organic Solvents or the above mentioned products.

DO NOT use sharp objects such as knives on the laminate surface.

DO NOT place hot cookware directly on the laminate.

DO NOT flood the laminate at the joints which may cause the substrate to expand.

ENVIRONMENTAL CERTIFICATION



Certification No. 042-033-2065

Environmentally Improved Low Emission Low Toxicity

polytec products carry the Singapore Green Label from the Singapore Environment Council for meeting the established stringent eco standards.

Only products carrying the Singapore Green Label qualify for Singapore Building Construction Authority's Green Mark programme.

polytec is committed to environmental awareness and preservation.

Choose **polytec** and make a difference.

DISCLAIMER

Kindly inspect products prior to installation. **polytec's** liability for any possible manufacturing defect will be limited to the extent of the cost of the product only.

technical INFORMATION

PHYSICAL PROPERTIES*

Density	1326 g/cm ³
Panel Tolerances	DIN 16929
	Length: ±5 mm
	Width: ±5 mm
	Thickness ±0.15 mm
Thickness Swell	EIN 317
	24hr at 20°C 0.1 %
Resistance to Surface Wear	Clause 10 of EN 438-2
Type of Abrader: S-33	Initial: 700
	Final: 1225
Resistance to Impact by Large Diameter Ball	Clause 21 of EN 438-2
	Height > 2000 mm Rating 5
Resistance to Scratching	Clause 25 of EN 438-2
	Rating 3
Resistance to Dry Heat, 180°C	Clause 16 of EN 438-2
	Rating 5
Resistance to Water Vapour	Clause 14 of EN 438-2
	Rating 5
Resistance to Immersion in Boiling Water	Clause 17 of EN 438-2
	0.29 Thickness, 0.05 Mass Rating 5
Dimensional Stability at Elevated Temperature in Machine Direction	Clause 17 of EN 438-2
	Dry Heat: 0.05 %
	High Humidity: 0.05 %
Resistance to Cigarette Burns	Clause 30 of EN 438-2
	Rating 5
Resistance to Crazing	Clause 24 of EN 438-2
	Rating 5
Flexural Strength	ISO 178
	Machine Direction: 118 MPa
	Cross-Machine Direction: 156 MPa

Flexural Modulus	ISO 178
	Machine Direction: 9780 MPa
	Cross-Machine Direction: 14800 MPa
Tensile Strength	ISO 527
	Machine Direction: 124 MPa
	Cross-Machine Direction: 95.1 MPa
Elongation at Break	ISO 527-4
	Machine Direction: 0.8 %
	Cross-Machine Direction: 1.0 %
Modulus of Elasticity	ISO 527-4
	Machine Direction: 14810 MPa
	Cross-Machine Direction: 10900 MPa
Resistance to Staining	Clause 26 of BS EN 438-2
	Reagents 1-4 Rating 5
Colour Stability	AS/NZS 2924.1
	Blue Wool Standard Min 6
Fire Hazard Indices	AS/NZS 1530.3
	Ignitability Index: CAS 10 - 12
	Spread of flame index: CAS 0 - 4
	Heat evolved index: CAS 2 - 4
	Smoke developed index: CAS 2 - 4

*Data in the physical properties table represents typical values and are to serve only as a guide for engineering design. Results are obtained under ideal laboratory conditions. Right to change physical properties as a result of technological progress is reserved.

