



ELS Panels - Environmental Consideration

Why do High Pressure Laminates have a low environmental impact?:

- Wood fibres are a natural resource which is renewable and sustainable.
- In comparison to many other building industry materials, wood based products require less energy to produce, emit few harmful by-products, are biodegradable and can be recycled.
- High Pressure Laminates (HPLs) have a cellulosic composition which originates from young, renewable wood plantations, alongside foliage fibres that otherwise would be burnt or sent to landfill.
- 100% of the wood stocks used to create the products manufactured by ELS Panels are from managed forests.
- The durability of HPLs means that fewer trees are required for their manufacture.
- The process by which HPLs are produced uses practically 100% of the trees designated for this purpose.
- When HPLs are used to recover chipboard substrates, the optimum sealing of particle boards reduces formaldehyde emissions.

Environmental Accreditation:

- ELS Panel's High Pressure Laminates are manufactured to the company's specification in an Italian factory that has been awarded the Singapore Green Label. This is certified by the Singapore Environmental Council for products which have extremely low emissions of harmful by-products and the absence of heavy metals, halogenated compounds and aromatic solvents.
- ELS Panel's Italian partner is a full member of the Green Building Council (GBC) in Italy. The GBC standards are applied in more than 100 countries throughout the world and promote sustainable building, while ensuring the proper use of water, soil and energy resources, as well as high standards of indoor and outdoor comfort.

