

## Policy

### Sustainability and Environmental Quality

The sustainable up-grading of the urban environment has been the motivation driving Kinley Systems since its inception in 2008.

From the start, the company has been at the forefront of innovative product development with the dual objective of enhancement of the urban environment and the replacement of conventional materials by sustainable and recyclable alternatives.

Kinley Systems Ltd is committed to continual research, development and improvement of their products and this is underpinned by a culture of outstanding customer service and support.

This Policy statement outlines the factors governing Kinley Systems Ltd in the development of their different ranges of products and the solutions adopted to fulfil them.

#### AluExcel

AluExcel landscape edgings have been acclaimed by specifiers and contractors as providing significant sustainability benefits.

- **Recycling** – the product is recycled and completely recyclable, reducing whole-life costs.
- **Aluminium Alloy 6005A**. Kinley Systems Ltd selected a very versatile alloy distinguished by high silicon and magnesium content imparting improved toughness and extrudability.
- **Excellent corrosion resistance** makes it the aluminium alloy of choice for structural, architectural and many industrial and marine applications.
- **Less weight** - more compact to transport than traditional kerbing, reducing the carbon footprint as well as transportation costs.
- **Reduced susceptibility to damage** and breakage on site and in transit - Kinley Systems report less than 3% transit damage claims compared with 10% or more anticipated for damage to pre-cast kerbs.
- **Speed of installation** – AluExcel aluminium edging is up to 4 times faster to install than concrete kerbs. The elimination of wet trade works (concrete haunching) also increases overall speed of footway construction.
- **Simultaneous installation** of edging and surfacing in a virtually continuous construction flow results in almost total elimination of the damage associated with traditional concrete kerbing (Contractors have reported up to 80% replacement rate of concrete kerbs prior to laying the final wearing course).
- **Overall design aesthetics** – the slimmer, flexible edge is more discreet and aesthetically pleasing than traditional kerbing and less susceptible to damage due to its reduced exposure (5 – 8mm top edge instead of 50mm).

Timber and concrete edgings and kerbing have many limitations. The landscaping industry has quickly grasped the multiple ecological and environmental advantages of switching to Kinley AluExcel edgings. Aesthetically superior, easily installed and maintained, recycled aluminium achieves significant environmental and social responsibility goals.

#### Terrafina

Kinley Systems Ltd researched a number of possibilities before concluding that Terrafina met their criteria for a sustainable and environmentally friendly substitute for timber decking which, over the years, has acquired very negative ratings for safety liabilities.

- **PEFC Certification** - every consignment of Kinley Terrafina carries the coveted and hard won PEFC logo. Kinley Terrafina qualifies for full, internationally recognised, PEFC certification, ensuring that the sustainable softwood timber used in the manufacture of the composite material complies with the stringently monitored total control of all stages of production, transport and storage.
- **Recycling** - all components of the Kinley Terrafina system, including the high quality industrial polymer used in the composite material, are 100% recyclable.

## Terrafina (contiued)

- **Safety** has been the driving factor in the development of Terrafina. Durable and rot proof, this wood and PVC composite decking is recognised as a strong, safe and predictable alternative. Extensive, approved testing has demonstrated its outstanding non-slip surface even when wet for extended periods. It is inhospitable to algae and moss.
- **10 year guarantee** - the danger of liability claims arising from slipping accidents, splintering or decay is virtually eliminated.
- Its **fire rating** is significantly superior to both hard and soft wood.
- **Maintenance is reduced** to occasional jet-wash cleaning. Whilst colour will mellow or soften with age it does not fade or dramatically change appearance.

With its Innovative, almost tool-free, fast installation system, Kinley Terrafina provides a contemporary, safe and solid decking. Its introduction has contributed greatly to the viability of including decking in high end residential, waterside and public realm projects.

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