

Ecoglo Lights Up the Burj Dubai

Ecoglo has just completed production of 12,000 metres of step edging for the Burj Dubai in the United Arab Emirates. This 160 story multi-purpose building, reported to be the tallest in the world, is due for completion in September 2009. 'It's great that a New Zealand company can get this sort of international recognition and high volume sale' says Managing Director, Trevor Dimond, 'it firmly places us as world leaders in photoluminescent technology.'

While Burj Dubai will be equipped with some elevators programmed to permit controlled evacuation for certain fire or security situations, the Chicago architectural and engineering firm Skidmore, Owings and Merrill (SOM) wanted to ensure safe evacuation of the building. And that's why approximately 12,000 m of Ecoglo's photoluminescent stair nosings are being installed in the building's stairways. "SOM specified Ecoglo by name because we set the benchmark for performance and durability," said Dimond. Our products are built to be walked on by tens of thousands and provide a high margin of safety."

Dimond explained that in order to outfit Burj Dubai with Ecoglo stair nosings "we had to modify our product to meet the custom profile required to match the geometry of the steps in the building. Everything in the magnificent tower is unique, right down to the stairs and our emergency lighting system."

Ecoglo high visibility step edge and path marking products not only provide safe egress in emergencies but also dramatically reduce the risk of slip and fall accidents in daylight. The combination of anti-slip material and the photoluminescent strip create effective step edge contrast in all light conditions and provide slip resistance in all weather environments.

Operating for 10 years out of their Christchurch factory, Ecoglo have advanced photoluminescent technology and patented their manufacturing process. Unlike other manufacturers Ecoglo bake a powder directly onto aluminium thereby producing a much more hard wearing and therefore long lasting product. With added UV protection they have created a highly effective, 24 hour, safety solution for all indoor and outdoor applications.

The emergency lighting clause of the New Zealand Building Code (F6, 'Visibility in Escape Routes) has recently been changed to allow for photoluminescent materials. It used to require escape paths to have 'adequate lighting' whereas it now requires specified features to be made 'reasonably visible'. This can be achieved through using Ecoglo's high performance products.



Everything in the magnificent tower is unique, right down to the stairs and the Ecoglo photoluminescent safety system.



The 160 storey multipurpose Burj Dubai, already dwarfing its neighbours, is due for completion in September 2009.

Ecoglo's anti-slip and photoluminescent strips create effective step edge contrast in light, dim and dark conditions and provide slip resistance in all weather environments. A range of edge strips and nosing designs are available.

