



## HI-LEVEL<sup>TM</sup> DATASHEET 1

# Edge Protection System

Hi-Level's unique edge-protection system provides a functional and very neat solution that integrates both the handrail and toe plate into the handrail post.

The 100mm high flat-sided oval profile of the steel toe plate slots into the centre of the handrail post providing a robust edge with no sharp edges or bolts on show. The toe plate conforms to BS5395: Part 3 and is designed to sustain a characteristic uniformly distributed imposed horizontal loading of 1.0kN/m and a

characteristic point load of 0.5kN. The Toe Plate is powder coated to give a highly durable finish with excellent gloss retention.

The 1120mm high rolled hollow section handrail posts are set at 1500mm centres and include tubular hand and knee rails running through the centre of the post giving a bolt-free finish. The handrail is designed to safely sustain a minimum characteristic imposed horizontal line loading of 0.74kN/m. The rails and posts are powder coated to give a highly durable finish with excellent gloss retention.

