



Installation Guide

Reference: IG-FRT-0121

Fort

L-profile rolled-top steel edge restraint for hard landscape surfaces

Tools Required

- ✓ Hammer
- ✓ Hacksaw / angle grinder
- ✓ Level
- ✓ Tape measure
- ✓ Spray paint
- ✓ String line
- ✓ Shovel / spade

Fixings included

- ✓ 250mm Spiral Fixing Stake
- ✓ Strip Connector



Standard method to compacted
MOT Type 1 sub-base or similar material

1

Sub-base & set out

Lay suitable sub-base to required depth. Thorough compaction of the sub-base is essential to ensure a successful installation. Ensure sub-base extends 100-150mm beyond the prepared edge restraint line.

2

Laying the edging

Lay a thin dry-mix bedding layer (e.g. sharp sand and cement 4:1 mix) beneath the edging foot to approximately 10mm. This thickness can be varied to adjust levels as required. This also ensures continuous support under the foot of the edging. The edging should not require a wet concrete haunch unless in non-standard applications.

Place the edge restraint and set to correct position.

Fix the Spiral Fixing Stakes through edging foot in the pre-punched holes, at a maximum of 300mm centres. Ensure the nails are firmly secured in the ground and down to the foot of the edging.

Alternative fixing method: Use Coach Bolts or Anchor Screws if fixing into a cured concrete foundation. Contact the technical team for more information.

Note

- Additional staking is recommended when laying curves (see right) or the area is subject to heavy traffic.

3

Connecting the edging

Use the Strip Connector (provided) to link lengths of Fort together. Slide halfway into channel on inside of the edge restraint, and connect with other length.

4

Laying surfaces

The next stage is to lay the surfacing.

When more than one layer is required, the base course should be properly applied and compacted before proceeding to the final wearing course. Pay attention not to damage the edge restraint with the compaction equipment.

Lay final surface.

Ensure top of edge restraint sits just below level of top surfaces, especially if top surface is to be compacted (i.e. Tarmacadam).

Backfill behind edging or lay additional hard surface as required.

5

Hot lay surfacing

Only in relation to hot rolled surface applications.

Compact surfacing with roller. Ensure first pass with roller is 50mm clear of Fort, with vibrating function turned off.

Final pass should be made as close to the edge as possible.

On the final wearing course, and where applicable, roller should be run over edge of Fort to ensure full compaction and a neat finish.

Handling and hazards



HEAVY SEGMENTS!

Requires two persons to lift each segment – or mechanical lifting device.



HEAVY ITEMS!

Wear steel toe protection.



SHARP CORNERS AND EDGES!

Wear gloves



BE SAFE!

Wear high visibility clothing, hard hats, and any other PPE required on site.

DISCLAIMER

These instructions are for guidance only and the installer is responsible to use their discretion to install the products in the best possible way for their respective application. Kinley Systems will not be held liable for product failure or poor performance as a result of poor quality installation. If any errors are found in this guide please email us at sales@kinley.co.uk.

SUPPORTING DOCUMENTS

More information on the Fort products can be found at www.kinley.co.uk in the Resource Centre.

Want more help?

Simply contact our technical support team on **01580 830688**

Northpoint, Compass Park, Staplecross, E.Sussex TN32 5BS

e: sales@kinley.co.uk

www.kinley.co.uk