**Applications:** Car Parks, Town Centres, Loading Bays

X-Last Retractable bollards are an innovative range of mechanical raise and lower bollards. With unique properties which make them both highly resistant and very flexible. This makes them one of the safest, durable and maintenance free retractable bollards on the market.

The bollards are simply raised or lowered by the turn of a key. This allows any authorised personnel to operate them when required. Their high resistance and rigidity make them an ideal choice in preventing vehicles from entering prohibited areas.

Their flexibility enables them to return to their original shape and position even after the most severe impact. They are manufactured from a non-corrosive material and therefore require zero maintenance expenditure.

**Advantages**

- Virtually indestructible bollard
- Simple and quick operation
- Non-corrosive and durable material
- Simple mechanism
- High resistance yet flexible, requires 620kgs to turn over
Specification

Material: Elastomeric Polymer

Base Colour: Impregnated in polymer material

Surface Finish: Elastic coated, UV, impact, abrasion, moisture and weather resistant

Coating adhesion: DIN EN ISO2409

Working Temperature: -20°C to +60°C

Rigidity: 620Kgs to bend to 90°

Purchase Specification

Bollards will be manufactured from X-Last polymer with RAL colour base coat impregnated into the material. Top colours will be painted using elastic coatings.

Bollards will be passively safe to NE4 and have been tested with a HIC (head injury criterion) value of under 600. After vehicular impact of up to 80kph the bollard will return to its upright planted position. It will take 620kgs of pressure to fold the bollard to 90°.

Bollards will be raised or lowered using a mechanical system and use of a suitable key.

X-Last bollards to be manufactured to the above specification by NAL Ltd.