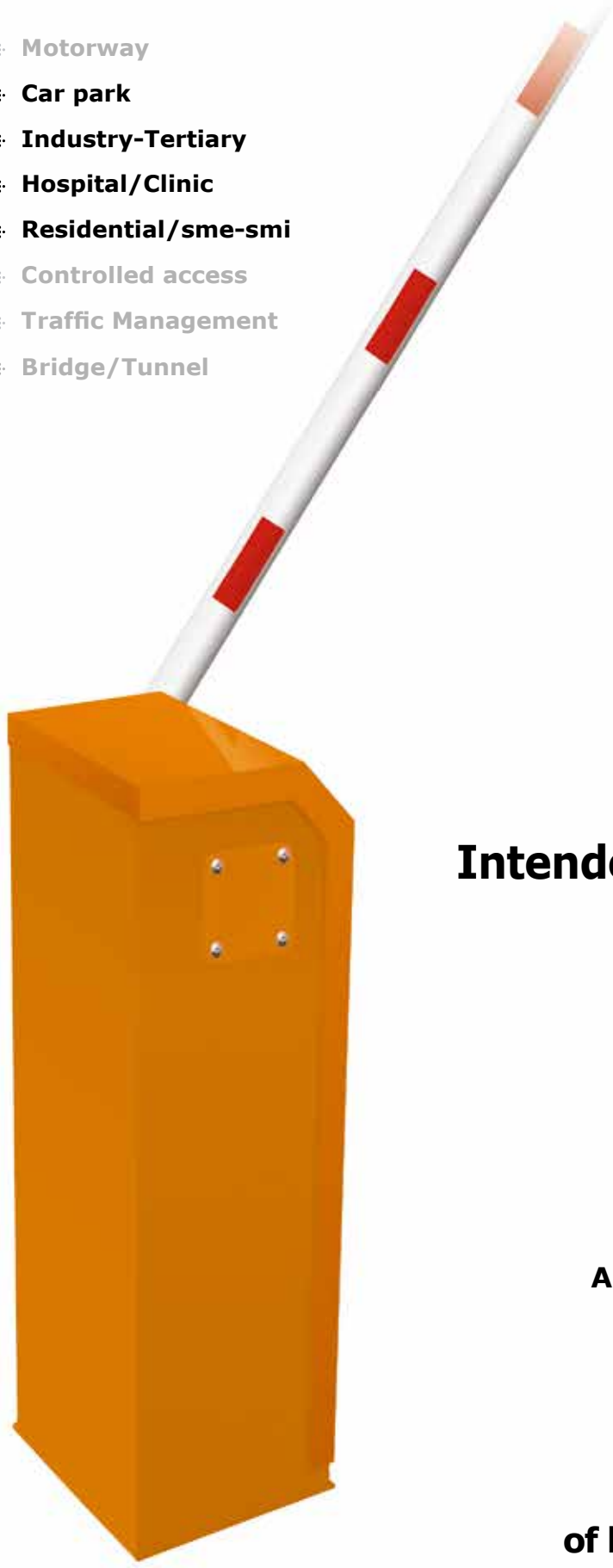
AUTOMATIC SYSTEMS
IER GROUP

BL 227

- Motorway
- **Car park**
- **Industry-Tertiary**
- **Hospital/Clinic**
- **Residential/sme-smi**
- Controlled access
- Traffic Management
- Bridge/Tunnel



Intended for multiple applications

The access control reference for public, industrial and service sites

High degree of reliability and robustness

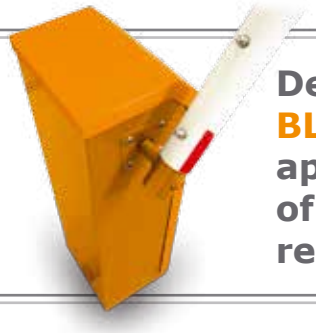
Control of periods of congestion
8 to 15 vehicles per minute

Modular up to **6 meters**
Wide range of options and accessories

Automatic or manual raising of the boom
in case of electrical supply interruption

Simple to install
Reduced maintenance

Designer and manufacturer of boundary access control equipment



Developed using freeway barrier technology, the BL 227 barrier (former MIAMI) is intended for multiple applications requiring perfect suitability for all types of traffic and access control combined with lasting reliability.

Standard characteristics of the type BL 227 SR/AVR raising barrier

1 • Variable speed control supplied with 230 Volts single-phase ensures control of the accelerations, decelerations, short circuit protection, grounding, overcurrent and thermal protection of the reduction motor

• Limitation of the electromagnetic group torque allows immediate stopping of the boom during closing and in case of an obstacle

2 • Three-phase reversible reduction motor brake, lubricated for life, ensures the perfect protection of the mechanism in case of malicious forced raising of the boom

3 • Auto-aligning pillow block lubricated for life

4 • Boom shaft directly driven by reduction motor eliminating all complicated adjustments and the risk of additional breakdown

5 • Boom made from aluminum alloy with a 75 mm round profile with red reflective stripes cl.1

*** Numerous optional boom accessories**

6 • Manual raising of the boom in case of electrical supply interruption (BL 227 SR model)

*** Optional AUTOMATIC raising of the boom (BL 227 AVR model)**

7 • PLA 1300 control logic matching more than 95% of vehicle access controls.

* Optional PLA 1301 programmable control for specific applications (SAS, Master, Slave, access slope...)

8 • Modular terminal block

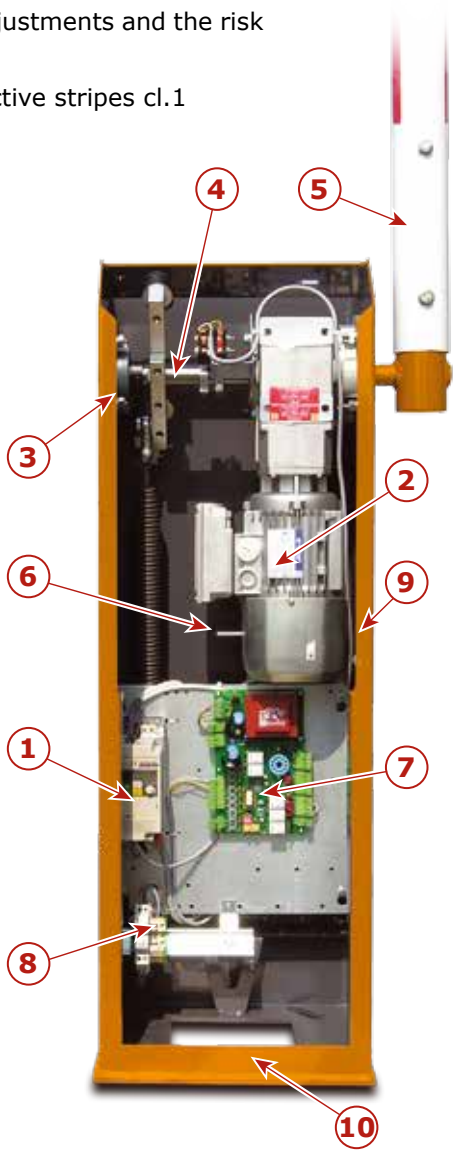
*** Integration of customer equipment on request**

9 • Steel plate column base plate thickness 3 mm with anti-corrosion orange finish polyester paint treatment RAL 2000(1)

10 • Steel plate column base plate thickness 8 mm with anti-corrosion orange finish polyester paint treatment RAL 2000(1)

• Steel plate coverthickness 1.5 mm with anti-corrosion orange finish polyester paint treatment RAL 2000(1) giving complete access to the mechanism and equipment

(1)Other colors optionally available according to RAL colour chart



• Security lock + 2 keys

• **Adjustable opening and closing speeds from 1.5 s to 3.5 s in continuous service**

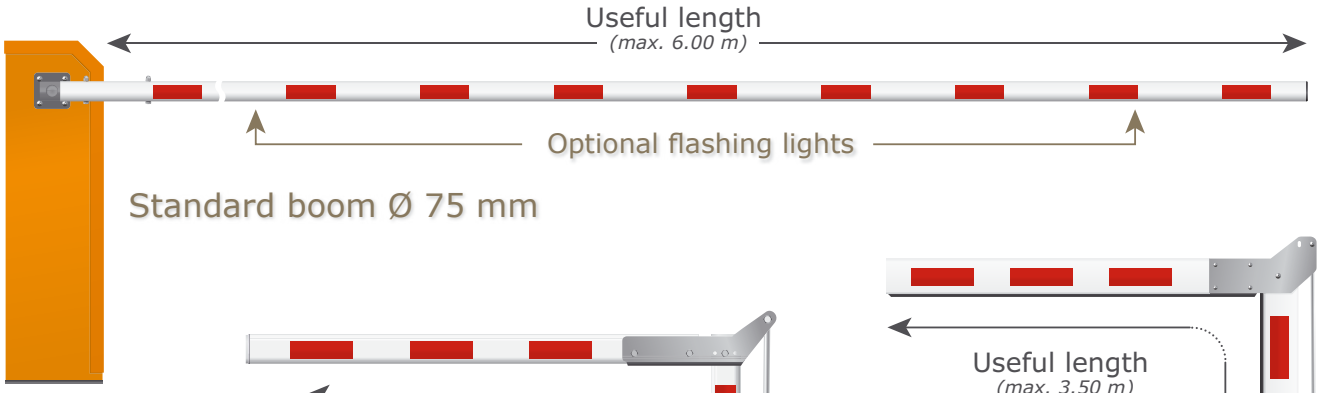
• **Capacity for controlling congested periods: 8 to 15 vehicles/min**

• **MCBF:**	**2,500,000 cycles**
• **MTTR:**	**1 hour (boom: 10 min)**
• **Operating temperature:**	**from -25° C to + 60° C**
• **Average relative humidity:**	**95%**
• **Protection:**	**IP 44**
• **Weight:**	**80 kg**

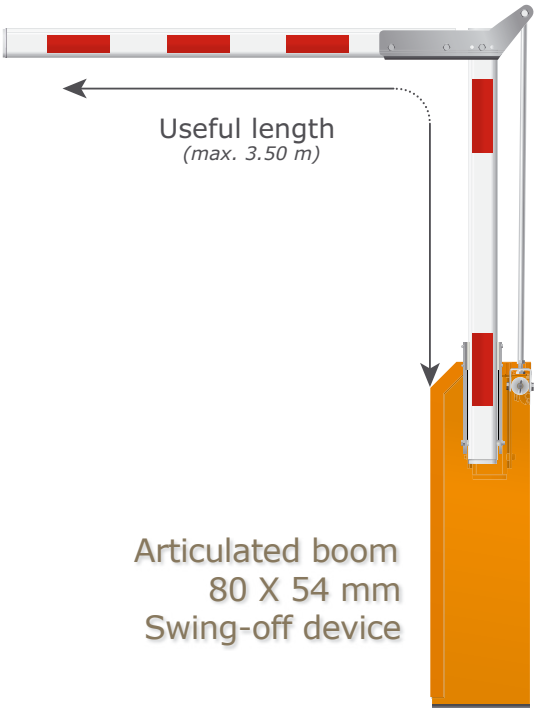
• **Barrier supplied fitted, tested and adjusted in factory following customer configuration**

• **Numerous accessories and options available**

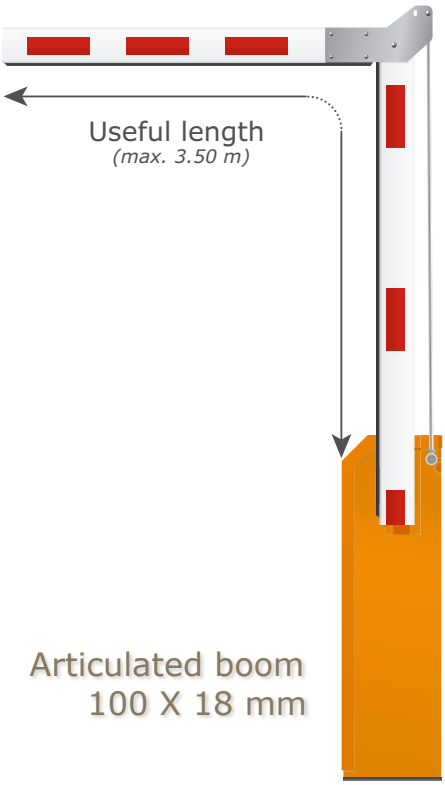
• **Simple installation and reduced maintenance thanks to the elimination of the kinematic mechanics**



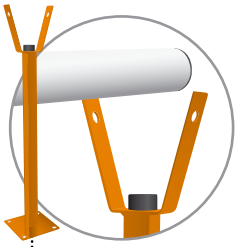
Standard boom Ø 75 mm



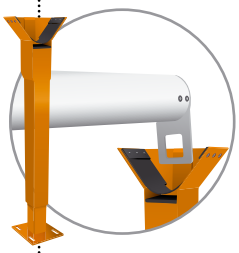
Articulated boom
80 X 54 mm
Swing-off device



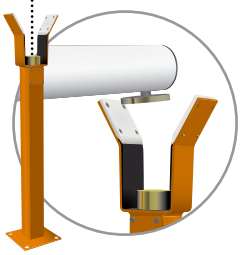
Articulated boom
100 X 18 mm



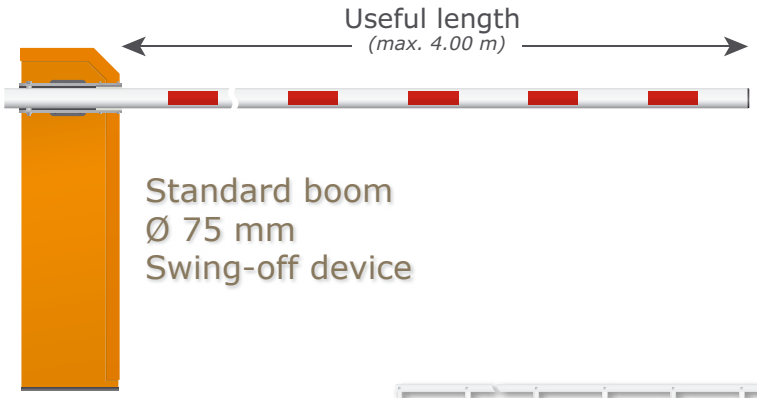
Standard tip



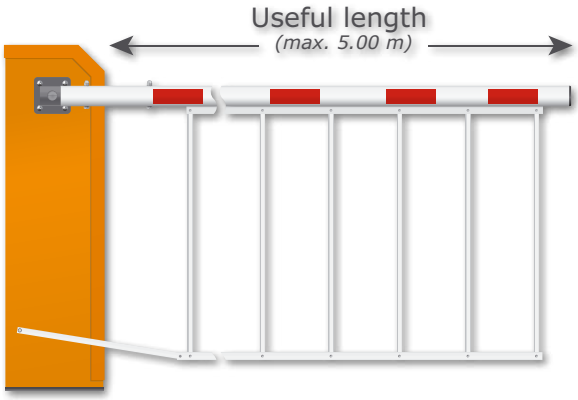
Tip with
electromagnetic locking



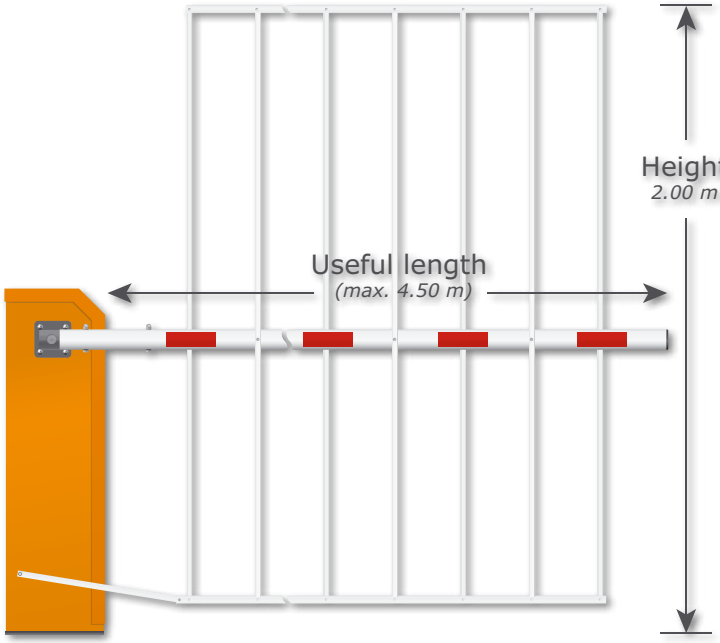
Tip with electromagnetic
suction mechanism



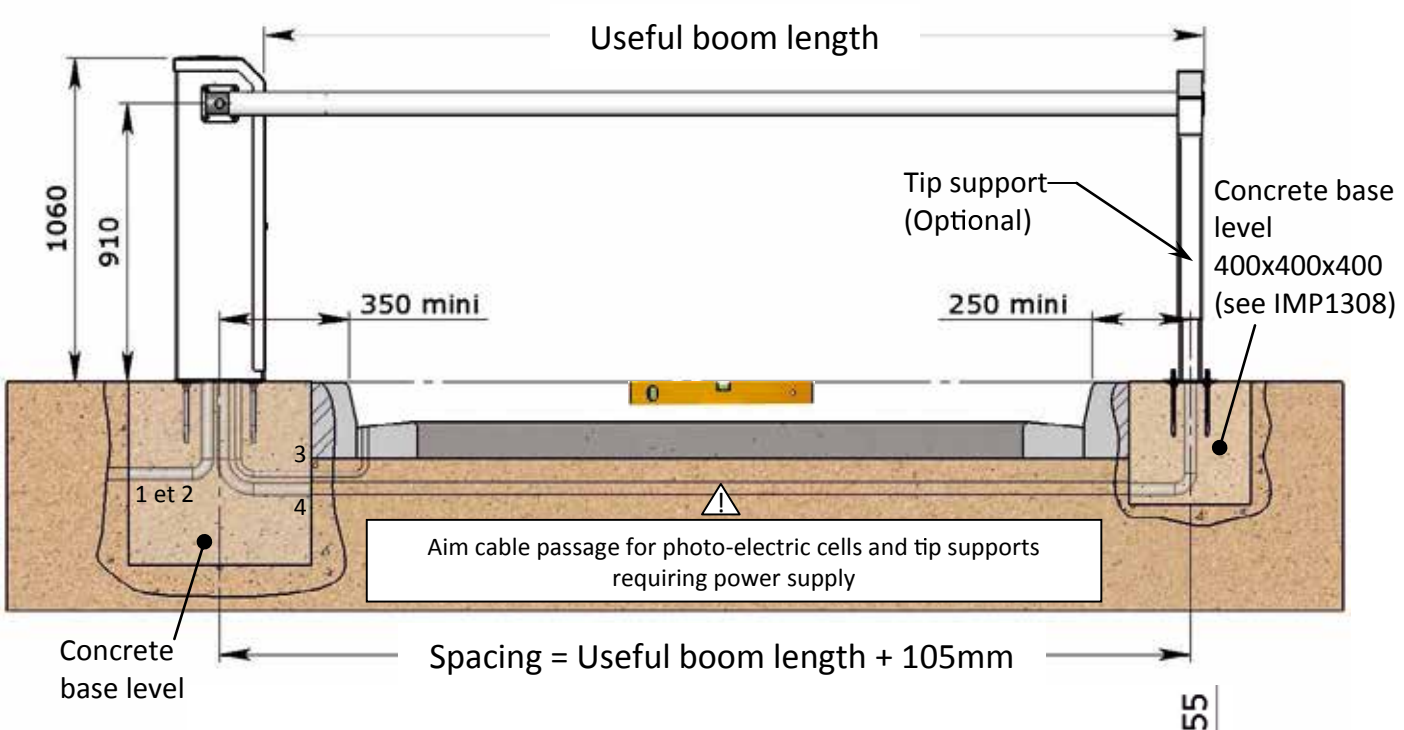
Standard boom
Ø 75 mm
Swing-off device

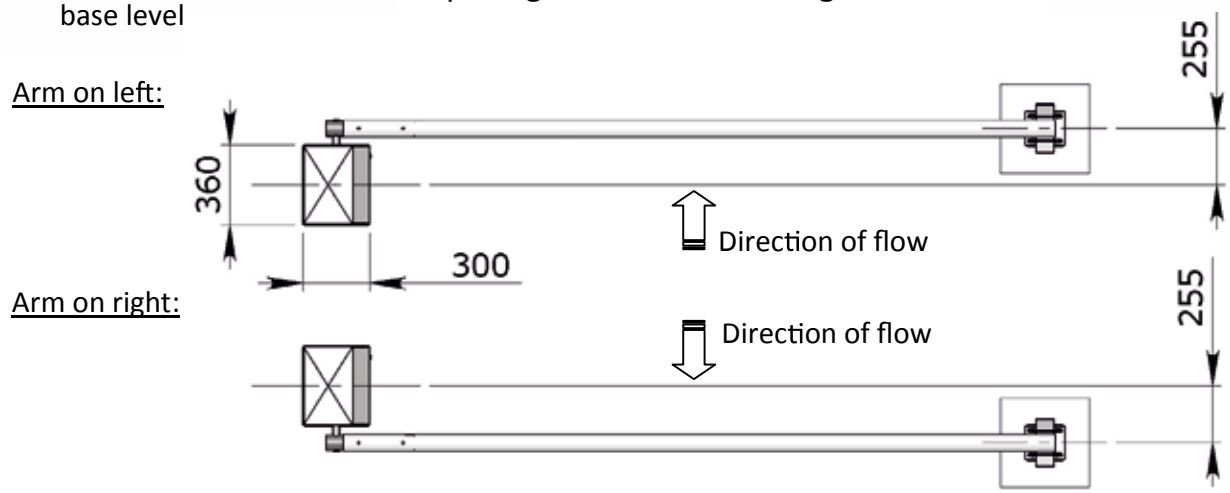


Articulated rigid plastic skirt

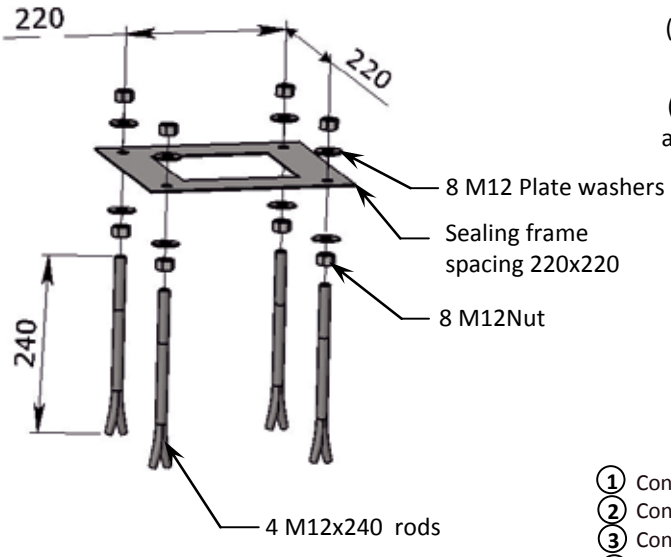


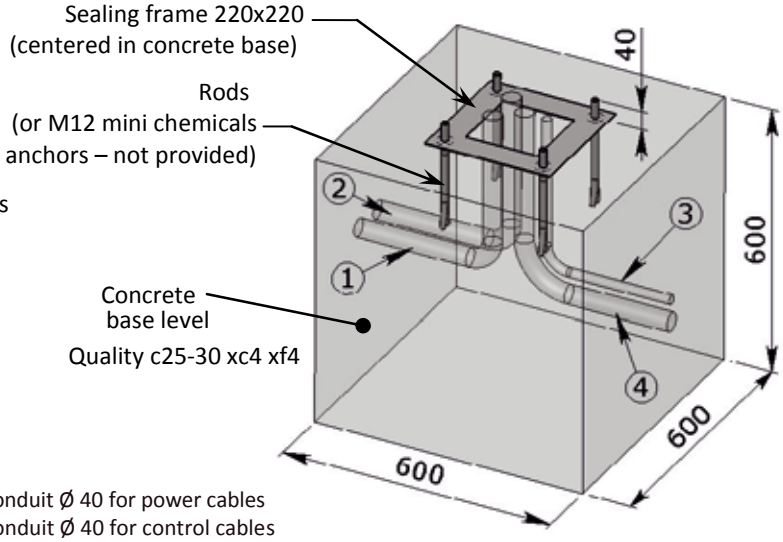
Articulated rigid plastic fence





Barrier sealing frame:





1. Conduit Ø 40 for power cables
2. Conduit Ø 40 for control cables
3. Conduit Ø 20 through feeder
4. Conduit Ø 40 photo-electric cells and tip supports requiring power supply
   (Extend conduits out of the concrete base by 200mm)

Dimensions in mm

Your installer: