



## SB.6 SUNKEN FLOW PLATES

### FITTING INSTRUCTIONS (STANDARD)

Read in full before starting

#### TRAFFIC

Traffic flow plates are designed to encourage one way traffic flow and prevent unauthorised entry/exit within any location.

#### SAFETY

We recommend the following minimum precautions are taken:

- Wear appropriate safety clothing
  - Eye protection and hand protection should be worn, including safety helmet
  - Wear strong protective gloves
  - Secure site from pedestrians and vehicles, where applicable, by the use of high visibility tape, barriers, cones, safety lamps etc
  - If you use a power supply ensure that it is secure and in a safe dry location
  - Ensure there are no underground services that may be affected
  - A minimum of two people are recommended
- 1) Determine the position of the installation
  - 2) Excavate trench to approximately 1500mm wide x 2500mm long (12" size) x 50mm deep giving room of 100mm beneath flow plate for soak away using gravel
  - 3) Position flow plates to the recommended spacing as shown in figure 1 then backfill with concrete around the plate, being careful that the concrete does not enter the inner base plate
  - 4) Speed ramps and signs to suit are strongly recommended

#### RECOMMENDATIONS

- 1) Exclude heavy vehicles from travelling over the flow plates
- 2) Avoid installing plates on a convex slope
- 3) Avoid layouts encouraging cars to approach plates more than 15 degrees out of line
- 4) Provide good general illumination
- 5) Occasionally clean all surfaces with soap and water
- 6) Check that the fixing bolts and other fixings
- 7) are suitably tight and have not worked loose

Fig.1.

