

SB.14 STANDARD SURFACE MOUNTED FLOW PLATES

SB.14 FITTING INSTRUCTIONS

- A. Plates can be fixed direct to concrete or heavy-duty high grade tarmac surfaces by drilling the road way and inserting 6 anchor bolts (75 mm long).
NOTE: FIXING STUDS WITH NUTS ARE NOT TO BE USED
- B. For low-grade tarmac surfaces (not highway standard) it is recommended that the installation procedure be as follows:-
1. Cast concrete pads 450 x 350 x 250mm deep.
 2. Drill 6 holes for 12mm anchor bolts 75mm deep.
Use bolts only and not fixing studs. **(Do Not Weld Bolts to Plates)**
 3. The recommended spacing is shown in fig.1.
 4. No drainage required.
 5. Speed ramps and 5mph signs are strongly recommended.

RECOMMENDATIONS

1. Raise the road surface to restrict approach speed of cars.
2. Exclude heavy vehicles from operating the plates. **(Maximum load 1 tonne per axle)**
3. Avoid sitting plates on a convex slope.
4. Avoid layouts encouraging cars to approach plates more than 15 degrees out of line.
5. Provide good general illumination.
6. It is essential that the spring is lubricated/ greased on a regular basis and debris removed from under the flap.

Fig.1.

