

## HAZARD ONE WAY TRAFFIC FLAPS (PRODUCT CODE: OWF2 RANGE)



### KEY FEATURES – Easy to Install – Highly Visible

**One Way Traffic Flaps (OWF2)** are a positive way to help enforce a one way traffic flow system. Installed in two staggered rows for maximum deterrent value for drivers, the flaps simply bolt down on to a substantial concrete foundation. Each One Way Flap lowers independently as vehicles pass over, and returns back to the upright position of 90mm in height. These flaps are not suitable for HGV traffic.

**Manufactured from 4mm Steel Checker Plate** with a bright yellow finish to make the flaps highly visible to drivers for extra safety, the steep flap is powered by an industrial strength spring. This product can only be installed in areas where the traffic consists of cars and lightweight vans. The Flaps will provide unattended 24-hour protection against traffic travelling in the wrong direction.

**Maximum Speed** The safe limit is 5mph so speed bumps from the SpeedStopper range should also be used to ensure that drivers pass over the Traffic Flaps correctly.

**Foundation One Way Flaps** are set into concrete flush with the road surface. The installation should be carried out in two phases – installation of the boxes and, when the concrete has cured, the completion of the assembly by bolting the tops in position. Please note these products can be noisy and must be used within the strict speed limits of 5mph to prevent any damage. Bright reflective warning signs will make sure that drivers get the message about driving in a one-way system. The signs can be seen in all weather conditions and at nighttime. Sign faces are designed to have a 10 to 15 year maintenance free life.

### SPECIFICATION

Weight: 12 kilos complete.

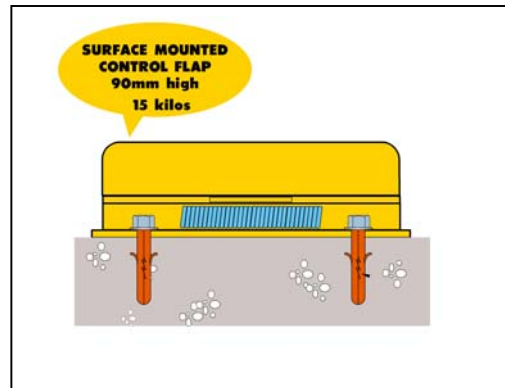
Outer Skin: 4mm steel checker plate folded and reinforced with steel ribs, 1 x non-penetration steel flap 5mm thick x 90mm high.

Flap is powered by a powerful spring, lab tested for over 3 million cycles. The wire specification is BS 5216 pre-galvanised (BS EN 10290-1-DH or equivalent). Long life spring(s), shot-peened & delatone 9000 coated.

Steel ranges between 7.75 and 8.05 g/cm<sup>3</sup> (0.280–0.291 lb/in<sup>3</sup>).

In normal operating circumstances we would expect a life cycle in excess of 1,000,000 operations.

Fixings: Each 300mm section is punched for anchor bolts (supplied) for trouble-free surface mounting.



Colour Options	Size Options
Yellow – Surface mounted Traffic Flaps	300mm square – 90mm high flap
White – Foundation fixed Traffic Flaps	300mm square x 300mm deep – 95mm high flap

### FREQUENTLY ASKED QUESTIONS

#### Are the flaps noisy when traffic passes over them?

The flaps are lowered with considerable energy as a wheel passes over. Noise is generated as the flap hits the concrete foundation making these type of One Way Flaps unsuitable for some locations.

#### Does traffic have to slow down before they hit the One Way Flaps?

Yes. For both the surface and foundation types of One Way Flaps, to give a long service life, traffic must be slowed down by installing speed bump(s).

#### Can HGVs and other heavy traffic drive over?

Not even the dustcart. Dragon's Teeth are recommended for heavier HGV vehicles and triple axle trailers.

### HAZARD

weprintany sign.com  
55/57 Bristol Road  
Edgbaston  
Birmingham  
B5 7TU

t: 0121 446 4433

f: 0121 446 4230

w: [www.hazard.co.uk](http://www.hazard.co.uk)

e: [sales@hazard.co.uk](mailto:sales@hazard.co.uk)