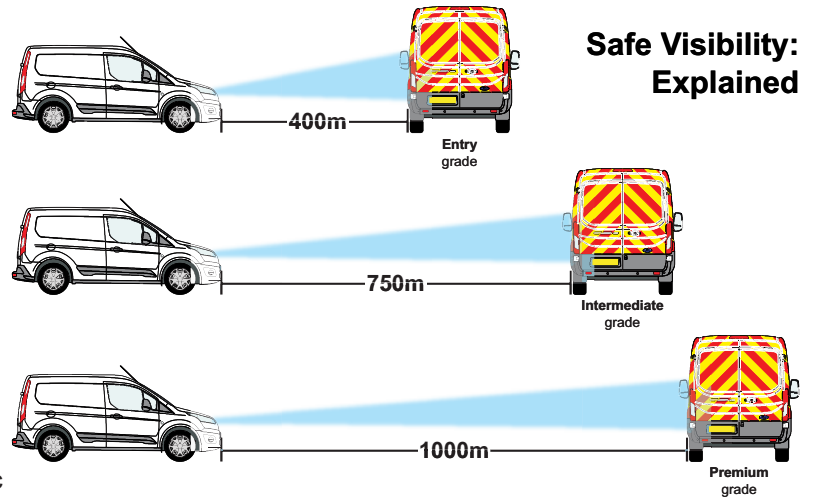


# Chevron Manufacturing Board

## Chapter 8 Guidance

### What is Chapter 8?

Chapter 8 refers literally to chapter 8 of the Department of Transport Documentation Traffic Signs Manual. It details the requirements for signage, markings and safety guidelines for temporary traffic management situations on highways. This guide will focus on parts related to vehicles stopping on high speed roads specified chapter 8 of the document.



### Is Chapter 8 legislation?

Vehicle chevrons related to Chapter 8 of the Traffic

Signs Manual are not legal requirements in England but are considered best practice, whereas vehicle markings are required in Scotland & Wales. Whilst Chapter 8 is not legislation, it is considered best practice with most organisations ensuring all their vehicles have the relevant conspicuity markings.

### How to comply with Chapter 8

Compliance varies depending on the type of vehicle, ranging from cars & vans (under 7.5 tonnes) to recovery trucks & road sweepers (over 7.5 tonnes) and if the vehicle has a specific function such as Incident / Mobile Support. For vehicles under 7.5 tonnes to comply with Chapter 8 guidance, the rear markings need to be upward facing stripes in alternating red and yellow materials measuring no less than 150mm in width and no greater than 200mm as much of the rear of the vehicle must be covered as possible.. The red or orange material needs to be retro-reflective to maximise visibility at night with the yellow material being non-reflective for daytime visibility. Vehicles should also display "Highway Maintenance" or "Motorway Maintenance" sign in non-reflective black and have 50mm side markings in yellow microprismatic material plus any leading edges must be marked with reflective strips.

In addition to the above, vehicles over 7.5 tonnes must also include a directional arrow incorporating flashing lights to supplement the message to keep left/right and rear marker chevron boards.

### Italtruck Chevrons

Here at Italtruck we can supply everything you need to comply with Chapter 8 Guidelines including chevrons for all makes and models of vehicles and related signage. We only use high quality materials for all of our chevron kits and we offer vehicle markings in 3 grades which are:



#### Entry Grade - Oralite 5400

4 year life

Suitable for stopping on highways with passing traffic up to 40mph.

Glass bead technology.

No Edge Sealing



#### Intermediate Grade - VC 212 5 year life

- High Intensity Prismatic

Suitable for stopping on highways with passing traffic in excess of 50mph.

No edge sealing

**Minimum legal requirement in Scotland & Wales**



#### Premium Grade - VC 612

7 year life - Flexibright microprismatic technology, perfect for emergency vehicles. Suitable for stopping on highways with passing traffic in excess of 50mph.

No edge sealing

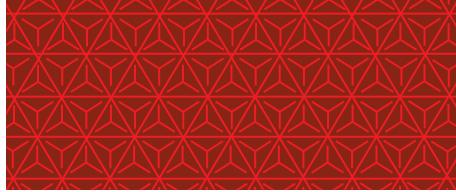
# Chevron Manufacturing Board

Oracal 7510 - 3 year Life - High performance Fluorescent Cast NR1



### Entry Grade - Oralite 5400

4 year life, Suitable for stopping on highways with passing traffic up to 40mph. Glass bead technology. No Edge Sealing



### Intermediate Grade - VC 212

5 year life - High Intensity Prismatic Suitable for stopping on highways with passing traffic in excess of 50mph. No edge sealing

Minimum legal requirement in Scotland & Wales



### Premium Grade - VC 612

7 year life - Flexibright microprismatic technology, perfect for emergency vehicles. Suitable for stopping on highways with passing traffic in excess of 50mph. No edge sealing



All standard chevron kits are made in accordance with TSRGD

Chapter 8. Chevrons are made at 150mm wide and positioned at the industry standard of 45°

# HIGHWAY MAINTENANCE

'HIGHWAY MAINTENANCE' also known as 'TSRGD Dia 7404'

must be made in accordance with strict laws. Highway may be varied to 'Motorway' or 'Road' and cap height must be between 52.5mm and 210mm. Also the text may be on two lines.

## EXAMPLES



2000mm x 700mm Chevron Panel  
Chevron Width 150mm and positioned at 45°  
HIGHWAY MAINTENANCE at 100mm Xheight



2000mm x 700mm Chevron Panel  
Chevron Width 150mm and positioned at 45°  
HIGHWAY MAINTENANCE at 100mm Xheight

**Material for the construction of Chapter 8 chevrons, useful for producing chevrons for irregular shapes**



Code	Colour	Description	Dimensions mm
BC77510-150FY	FL Lime/Yellow	Oracal 7510 Chapter 8 Fluorescent Yellow Cast PVC Film	150mm x 50M
BC70612/150-R	Red	VC612 Flexibright Red Tape	150mm x 45M