

# UK REFLECTIVE SPECIFICATION OVERVIEW



## VEHICLE GRADE SPECIFICATIONS

### **CAST 14/04**

High conspicuity for emergency vehicles.

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### **ECE104 - Class C**

Contour marking designed for vehicles over 3.5 tonnes and rigid HGV's over 7.5 tonnes. White, yellow and red only.

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### **ECE104 - Class D & E**

Reflective products for vehicle graphics on HGV's - any colour.

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### **ECE70-1**

Rear marker boards - yellow microprismatic and non-reflective fluorescent red/orange or reflective red.

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### **Chapter 8**

Rear chevrons in microprismatic R3B grade red and non-reflective fluorescent yellow, 50mm yellow side stripes.

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### **Safety at Streetworks**

Rear chevrons in reflective red and fluorescent yellow - glass bead or microprismatic depending on use.

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### **BS-EN-1789**

UK/EU ambulance specification - only microprismatic, lettering or markings.

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## ROAD TRAFFIC SIGN SPECIFICATIONS

### EN12899-1-2007 (RA1)

Entry level glass bead engineering grade reflective.

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### EAD120001-01-0106 (R1)

Entry level microprismatic engineering grade.

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### EN12899-1-2007 (RA2)

Glass bead high intensity grade.

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### EAD120001-00-0106 (R2)

High intensity prismatic grade.

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### EAD120001-00-0106 (R3B-UK)

Microprismatic for city centre signs or short distance viewing angles - no fluorescent yellow/green in specification as not used on traffic signs.

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### EAD120001-00-0106 (R3C-UK)\*

Full cube microprismatic - no fluorescent yellow/green in specification as not used on traffic signs.

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\*Extract from UKNA:

**NOTE 6** Vehicle headlamps provide only limited illumination to overhead signs. Overhead signs made using reflective sheetings which meet class R3C-UK return more light than do signs made with other classes of reflective sheeting. In particular, drivers of HGVs benefit from the improved brightness at night from overhead signs made with class R3C-UK reflective sheetings. Class R3C-UK materials may be useful for signs in other driving scenarios.

