



ALPHA RAIL

RAILINGS . GATES . GUARDRAIL



MADE IN THE UK

V2/V4/V8 OPTIRAIL

ORIGINALLY KNOWN AS VISIRAIL, THE OPTIRAIL IS THE ULTIMATE GUARDRAIL SYSTEM FOR VISIBILITY. IT HAS THREE TYPES OF PANELS: V2, V4, V8, WITH DIFFERENT INFILL BAR ARRANGEMENTS FOR DIFFERENT ROAD SPEEDS. YOU CAN CHOOSE THE RIGHT PANEL FOR YOUR LOCATION BY FOLLOWING OUR SELECTION CRITERIA SHOWN ON PAGE 2. PEDESTRIAN GUARDRAIL HELPS PEDESTRIANS FIND SAFE CROSSING POINTS. BUT SOME CROSSINGS NEED EXTRA VISIBILITY, AND THAT'S WHERE OPTIRAIL COMES IN. IT WAS CREATED IN THE 1980S BASED ON RESEARCH THAT SHOWED IT REDUCED ROAD TRAFFIC ACCIDENTS.



SUITABLE FOR

- HIGHWAYS
- INDUSTRIAL AREAS
- OUTSIDE SCHOOLS
- CAR PARKS

TECHNICAL INFORMATION

- CONFORMS TO BS7818
- POST CENTRES - 2000MM OR 1000MM
- ABOVE GROUND HEIGHT - 1050MM
- ROOT LENGTH - 250MM
- HOT DIP GALVANIZED TO BS EN 1461
- FIXINGS (M10X30 COACH BOLTS, NYLOC NUT & WASHERS)
- POST OPTIONS - INTERMEDIATE, END, 90 & 130 DEGREE CORNERS.

OPTIONS

- BASEPLATED POSTS IN LIEU OF ROOTED
- ALL CAN BE FABRICATED TO SUIT GRADIENTS & RADIUS
- GATES AVAILABLE TO SUIT
- POWDER COATING AVAILABLE

STANDARD FINISHES

GALV ONLY

RAL 9005
BLACK

RAL 6005
GREEN

OTHER COLOURS AVAILABLE ON REQUEST

STANDARD
PANELS IN STOCK -
DELIVERY WITHIN
2/3 DAYS

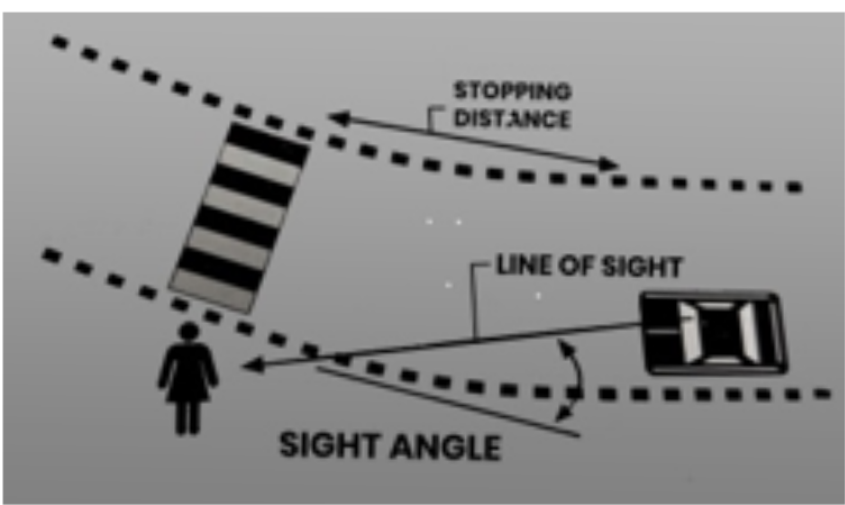




SELECTION CRITERIA

OPTIRAIL PANELS ARE MANUFACTURED IN THREE MAIN TYPES, TO OPTIMISE MAXIMUM VISIBILITY WITH ANY SITUATION.

TYPICAL USES	OPTIMUM SIGHT ANGLES	INFILL LAYOUT	PANEL TYPE
Straight roads, moderate to high speeds.	2.5° to 5°		V2
Straight roads, low to moderate speeds. Curves.	5° to 14°		V4
Curves less than 15m radius.	More than 14°		V8



NOTES

OPTIRAIL IS NORMALLY ORIENTED TO TRAFFIC IN THE ADJACENT LANE. PANELS CAN BE INVERTED TO REVERSE THE VIEWING ENVELOPE.

STANDARD PANELS WITH 2M POST CENTRES ARE SUITABLE FOR RADII DOWN TO 9M. BELOW THIS, 1M POST CENTRES ARE RECOMMENDED.

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IN STOCK -
DELIVERY WITHIN
2/3 DAYS**

