

Zebra



Traffic Separators for Cycle Lanes



Zebra

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Zebra

Traffic Separators for Cycle Lanes

Robust median strip of original design which allows different positions of the reflecting strips (see page 2) and two possible placements on the ground: parallel or oblique (according to the axis). Available in two heights.

Recycled Plastic
100% Recycled PVC

Origin:
Electrical cable sheathing,
roller blinds, pipes.



Properties

- ▶ High security: flexible, cushions/absorbs on impact.
- ▶ High resistance against impact, due to the three fixing points to the pavement.
- ▶ High visibility both day and night due to its painted strips and their random position on the separator surface.
- ▶ Versatile disposition of the separators: parallel to street axis or oblique.

Eco-labels: Environmental Quality Assurance Award

2009 Awards "Disseny per al reciclatge"
Best Recycled Product 2011 - 2nd place

Made in: Valencia (Spain)

1st year of production: 2009

Carbon footprint:

ZEBRA 9: CO₂ saving: 2,77 kg CO₂ eq per unit, equivalent to 15 km travelled by conventional car.

ZEBRA 13: CO₂ saving: 6,24 kg CO₂ eq per unit, equivalent to 34 km travelled by conventional car.



Placement on the ground



Parallel to the street axis



Oblique



Parallel



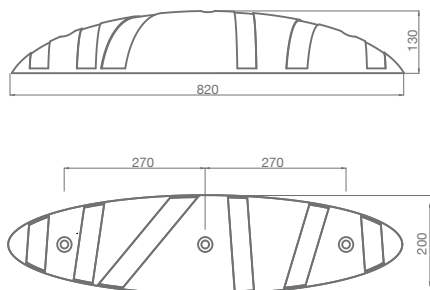
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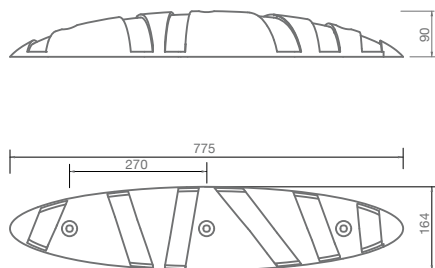
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Zebra 13



Weight	9 kg
Length	820 mm
Height	130 mm
Width	200 mm
Colour	Black

Zebra 9



Weight	4 kg
Length	775 mm
Height	90 mm
Width	164 mm
Colour	Black

Disposition of the separators Zebra

Disposition	Distance between centres (meters)	
	Minimum	Maximum
Parallel to the street axis	1,5	2,5
Oblique	1,25	2,5

Test

On the material

Properties	Unit	Regulation	Value
Hardness	ShA	DIN 53505	45-95
Tensile modulus of elasticity	MPa	DIN 53457	3-15
Elongation at break	%	DIN 53457	400-570
Tear Strength	kN/m	DIN 53515	38-96
Abrasion loss	Excellent		
Lightfastness	Good		
Resistance to acids	Good		
Resistance to bases	Good		
Reaction to fire		Euroclasses	B _{FL} -s1

Customization of the reflecting strips



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Technical Report

Zebra

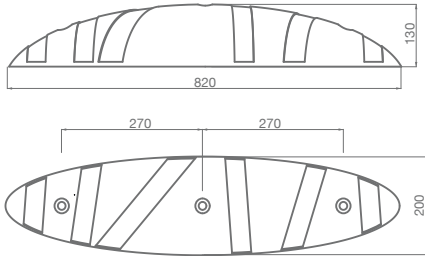
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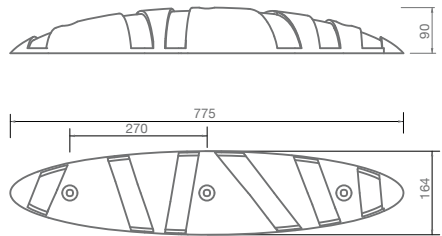
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Environmental value.

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Environmental value

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ZEBRA 13: CO₂ saving: 6,24 kg CO₂ eq per unit, equivalent to 34 km travelled by conventional car.

Carbon footprint: 5,855 kg de CO₂ eq



DISEÑO PARA EL RECICLAJE AWARDS 2009



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