

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction products

Fixed, vertical road traffic signs – Part 1: Fixed signs

for use as complete assemblies of fixed vertical road traffic signs, with specification and performance as specified on page 2-4 in this certificate.

Product name: Road signs

placed on the market under the name or trademark of

Saferoad Traffic AB

Volvogatan 2
SE- 731 36 Köping, Sweden

and produced in the manufacturing plant

same as above

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in annex ZA of the standard

EN 12899-1:2007

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This certificate was first issued on 2014-08-22 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Issued by notified body 0402.

The validity of this certificate can be verified at RISE homepage.



Martin Tillander
Director Product Certification

Specification

Circular hollow section steel post $\varnothing 60.3 \times 2.25$

Length:	1260-7000 mm
Diameter:	60.3 mm
Thickness:	2.25 mm
Material:	S235
Mounting concrete foundation:	60/500, planting depth 380 mm

Square hollow section steel post 60×60

Length:	2500-8000 mm
Dimension:	60×60 mm
Thickness:	4 mm
Material:	S355 J2H
Mounting concrete foundation:	90/700, planting depth 440 mm

Square hollow section steel post 80×80

Length:	2600-8000 mm
Dimension:	80×80 mm
Thickness:	4 mm
Material:	S355 J2H
Mounting concrete foundation:	108/900, planting depth 505 mm

Square hollow section steel post 100×100

Length:	2500-7000 mm
Dimension:	100×100 mm
Thickness:	4 mm
Material:	S355 J2H
Mounting concrete foundation:	133/1300, planting depth 510 mm

Square hollow section steel post 120×120

Length:	3000 mm
Dimension:	120×120 mm
Thickness:	4 mm
Material:	S355 J2H
Mounting concrete foundation:	152/1500, planting depth 630 mm

Square hollow section steel post 60×60 and slip base

Length:	4000-8000 mm
Dimension:	60×60 mm
Thickness:	4 mm
Material:	S355 J2H
Mounting concrete foundation:	90/700, planting depth 440 mm
Mounting slip base:	145×75 mm

Square hollow section steel post 80×80 and slip base

Length:	5400-5900 mm
Dimension:	80×80 mm
Thickness:	4 mm
Material:	S355 J2H
Mounting concrete foundation:	108/900, planting depth 505 mm
Mounting slip base:	220×130 mm

Square hollow section steel post 100 × 100 and slip base

Length:	3000 mm
Dimension:	120×120 mm
Thickness:	4 mm
Material:	S355 J2H
Mounting concrete foundation:	152/1500, planting depth 630 mm
Mounting slip base:	220×130 mm

Square hollow section steel post 120 × 120 and slip base

Length:	3000 mm
Dimension:	120×120 mm
Thickness:	4 mm
Material:	S355 J2H
Mounting concrete foundation:	152/1500, planting depth 630 mm
Mounting slip base:	220×130 mm

Rectangular hollow section steel post 80 × 40

Length:	4000-8000 mm
Dimension:	80×40 mm
Thickness:	4 mm
Material:	S355 J2H

Energy absorbing Lattice Type 3, SS295

Length:	5000 mm
Dimension:	295×295 mm
Thickness diagonal solid rod:	Ø 25 mm
Thickness diagonal rods:	Ø 12 mm
Material:	S275 JR
Slip base:	Type 3
cc bolts:	295 mm
Break pin:	14×10×17 mm

Energy absorbing Lattice Type 2, SS380

Length:	5000 mm
Dimension:	380×380 mm
Thickness diagonal solid rod:	Ø 20 mm
Thickness diagonal rods:	Ø 14 mm
Material:	S275 JR
Slip base:	Type 2
cc bolts:	444 mm and 316 mm
Break pin:	130×10×20 mm

Energy absorbing Lattice Type 1, SS450

Length:	5000 mm
Dimension:	450×450 mm
Thickness diagonal solid rod:	Ø 35 mm
Thickness diagonal rods:	Ø 14 mm
Material:	S275 JR
Slip base:	Type 1
cc bolts:	535 mm and 354 mm
Break pin:	120×10×120 mm

Performance

Performance under vehicle impact (passive safety) – According to EN12767:2007

Circular hollow section steel post $\varnothing 60.3 \times 2.25$	100, NE,2
Square hollow section steel post 60×60	Class 0
Square hollow section steel post 80×80	Class 0
Square hollow section steel post 100×100	Class 0
Square hollow section steel post 120×120	Class 0
Square hollow section steel post 60×60 and slip base	100,NE,3
Square hollow section steel post 80×80 and slip base	100,NE,3
Square hollow section steel post 100×100 and slip base	100,NE,3
Square hollow section steel post 120×120 and slip base	100,NE,3
Rectangular hollow section steel post 80×40	Class 0
Energy absorbing Lattice Type 3, SS295	100,NE,2
Energy absorbing Lattice Type 2, SS380	100,NE,2
Energy absorbing Lattice Type 1, SS450	100,NE,2

Durability

Resistance to corrosion – Steel (Sign support and Fixings)	SP1, Hot dip galvanized according to EN ISO1461
Resistance to corrosion – Aluminum (Sign plate and fixings)	SP2, Inherent surface protection provided

Visibility characteristics

Retroreflective signs	
Daylight chromaticity & luminance factor	ETA 10/0118, ETA 17/0490, ETA 17/0490, ETA 18/0405, ETA 19/0839, ETA 17/0491
Coefficient of retroreflection R_A	ETA 10/0118, ETA 17/0490, ETA 17/0490, ETA 18/0405, ETA 19/0839, ETA 17/0491
Transilluminated retroreflective signs	
Daylight chromaticity & luminance factor	ETA 10/0118, ETA 17/0490, ETA 17/0490, ETA 18/0405, ETA 19/0839, ETA 17/0491
Coefficient of retroreflection R_A	ETA 10/0118, ETA 17/0490, ETA 17/0490, ETA 18/0405, ETA 19/0839, ETA 17/0491