A42 Panel – Level Crossing Countdown Marker, 3 Bars, 33×100 cm, Class I

Class I (EGP) Road Signs | Signs compliant with SR 1848-1:2024



AT A GLANCE

- A42 Panel – Level Crossing Countdown Marker, to SR 1848-1:2024.
- 33×100 cm panel, white with three red slanted bars, in 1 mm galvanised steel.
- Class I retroreflective sheeting, 7-year service life.
- Fixings included: 2 clamps for Ø48 mm posts and 4 bolts with nuts.
- CE marked; sheeting and paint resistant to UV and weathering.

Product code	**A42-III**
Category	**Metal Road Signs**
Weight	**3 kg**
Compliance	**Class I (EGP) Road Signs**
Compliance	**Signs compliant with SR 1848-1:2024**

This product on attotrafic.ro
https://attotrafic.ro/en_US/products/panou-a42-trecere-la-nivel-cu-calea-ferata-3-benzi-33x100-cm-clasa-i

Technical specifications

SR 1848-1 code	A42
Name in the standard	Level crossing countdown markers
Type	Level crossing countdown marker
Shape and colours	White, 3 red slanted bars
Size	33 × 100 cm
Material	Galvanised steel sheet, 1 mm
Construction	Rounded corners, pressed edges, no sharp edges

Painting	Electrostatic, UV-resistant paint
Retroreflective sheeting	Class I (RA1), UV-resistant
Retroreflection (white, 0.2°/5°)	70 cd/(lx·m²)
Sheeting service life	7 years
Weight	5 kg
Fixings included	2 clamps, 4 bolts with nuts
Post diameter	Ø48 mm (Ø60 mm on request)
Standards	SR EN 12899-1:2007, SR 1848-1:2024, SR 1848-2:2011, SR 1848-3:2011
Marking	CE

Description

A42 panels count down the distance to a level crossing: three red bars at 150 m, two at 100 m and one at 50 m. This is the three bars panel.

When class I is used

Class I means RA1 retroreflective sheeting, with 70 cd/(lx·m²) for white and a 7-year service life. It suits places where the sign does not compete with other lights: roads and streets without strong lighting, local, minor and private roads. In areas with many light sources, such as streets with public lighting, shop windows and advertising, SR 1848-2 requires prismatic class 2 or 3 sheeting, because a class I sign gets lost against the background there.

Where it goes, under SR 1848-1:2024

They go on the approach to a level crossing, at distances measured from the barrier or, where there is none, from the nearest rail: 150 m for the 3-bar panel, 100 m for the 2-bar one and 50 m for the 1-bar one. If the panels would fall inside a bend or in an area with poor visibility, they are repeated on the left side as well, together with the A39 or A40. Whichever side they stand on, the slanted bars slope down towards the carriageway. They are not used for industrial railways.

Technical data

- 33×100 cm panel, white with three red slanted bars;
- 1 mm galvanised steel sheet, with rounded corners and pressed edges, no sharp edges;
- electrostatically painted with UV-resistant paint;
- class I retroreflective sheeting (RA1), resistant to UV and weathering, with a 7-year service life;
- weight: 5 kg;
- fixings included: 2 clamps for Ø48 mm posts and 4 bolts with nuts;
- CE marked; compliant with SR EN 12899-1:2007, SR 1848-1:2024, SR 1848-2:2011 and SR 1848-3:2011.

Mounting

Unlike other signs, the A42 and A43 panels and the A44–A46 markers are mounted low: the bottom edge sits 0.75 m above the edge of the carriageway (SR 1848-2). Fixings for the post are included: 2 clamps for Ø48 mm posts and 4 bolts with nuts. Clamps for Ø60 mm posts are available on request.

The post is ordered separately. For a fixed installation in a concrete foundation: the galvanised Ø48 mm post, 300 cm. For temporary use, with no foundation: the Ø48 mm tripod post, 120 cm. On concrete or paving, where you cannot dig: the Ø60 mm flange post, 300 cm, bolted down; for it, ask for the Ø60 mm clamps when you order.

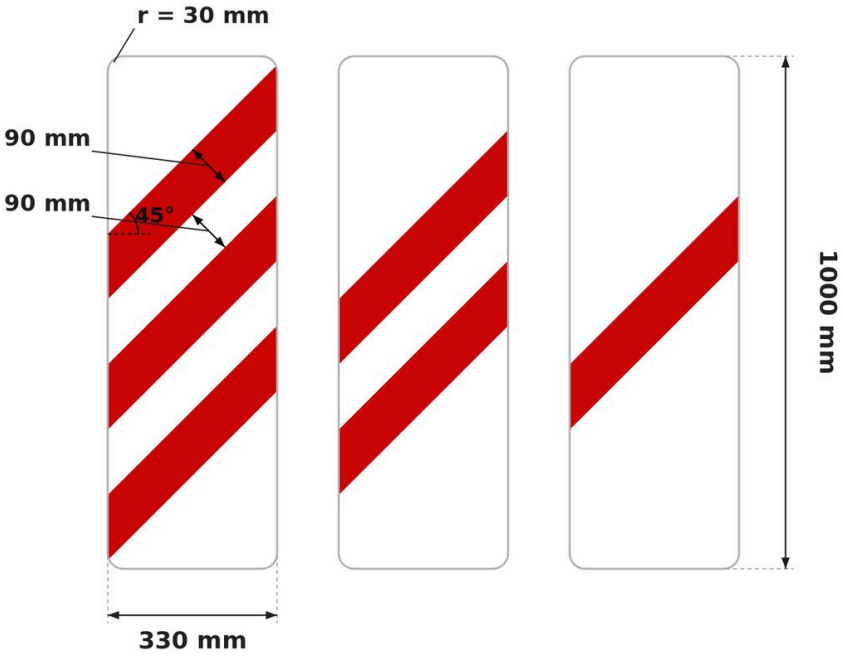
Drawings and details · 1/3

A42 – Panouri suplimentare pentru trecerea la nivel cu calea ferată

Supplementary boards for level crossings

33 x 100 cm · dimensiunile feței indicatorului

33 x 100 cm · sign face dimensions



Dimensiuni SR 1848-2 (mm)
SR 1848-2 dimensions (mm)

33 x 100 cm
330 x 1000 · r = 30
toate drumurile
all roads

Cotele sunt ale feței retroreflectorizante.
Dimensions of the retroreflective face.

Panoul suport depășește fața cu 5–10 mm (SR 1848-2, 6.1).
The backing panel is 5–10 mm larger than the face (SR 1848-2, 6.1).

Colțurile se racordează cu raza r = 30 mm (SR 1848-2, 6.6).
Corners are rounded with radius r = 30 mm (SR 1848-2, 6.6).

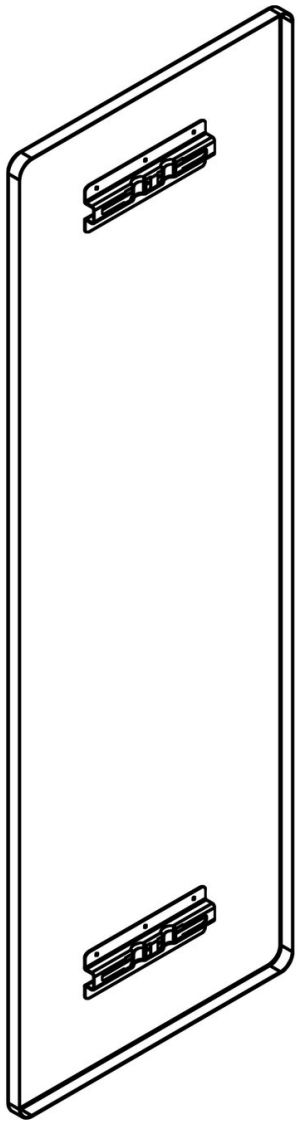
Variante cu 3, 2 sau 1 benzi roșii; lățimea dungilor roșii și a intervalelor este de 90 mm (tab. 9).
Variants with 3, 2 or 1 red bands; red stripes and the gaps between them are 90 mm wide (table 9).

Unghiul de 45° nu este dat în SR 1848-2; este cel din figura SR 1848-1:2024. Benzile sunt centrate pe înălțimea panoului.
The 45° angle is not given in SR 1848-2; it is the one of the SR 1848-1:2024 figure. The bands are centred on the panel height.

Latura inferioară se montează la 350 mm de la sol.
The lower edge is mounted 350 mm above the ground.

Sursa: SR 1848-2:2011, tab. 9.
Source: SR 1848-2:2011, table 9.

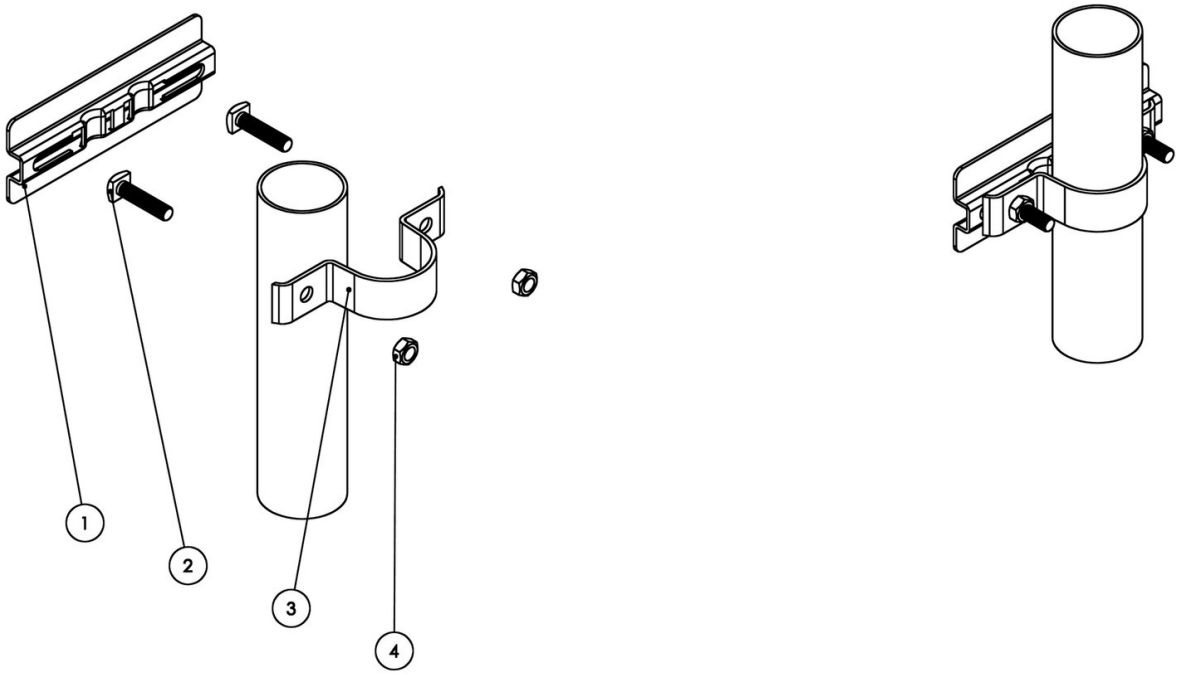
Drawings and details · 2/3



Drawings and details · 3/3

Prindere cu canal și colier, stâlp Ø48 mm

Channel and clamp fixing, Ø48 mm post



1 Canal de prindere din aluminiu (pe spatele panoului)
Aluminium fixing channel (on the back of the panel)

2 Șurub M8 × 35 cu cap pătrat, zincat (2 buc.)
M8 × 35 square-head bolt, galvanised (2 pcs)

3 Colier Ø48 mm din tablă zincată
Ø48 mm clamp, galvanised steel

4 Piuliță M8 zincată (2 buc.)
M8 nut, galvanised (2 pcs)

Set pentru un punct de prindere. Pentru stâlp Ø60 mm, colierele se livrează la cerere.
Set for one fixing point. Clamps for Ø60 mm posts are available on request.