U34 Temporary Sign – Alternating Traffic Section Ahead (Traffic Lights), 150×120 cm, Class I

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



AT A GLANCE

- Temporary road sign U34 “Alternating traffic section ahead”, to SR 1848-1:2024.
- 150×120 cm yellow panel with the words “Pericol de accidente”, in 1 mm galvanised steel sheet.
- Class I (RA1) retroreflective sheeting, 7-year service life.
- Fixings included: 4 clamps for Ø48 mm posts and 8 bolts with nuts.

Product code	**U34**
Category	**Metal Road Signs**
Weight	**12 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/indicator-u34-presemnalizarea-unui-sector-cu-circulatie-alternanta-semafoare-150×120-cm-clasa-i

Technical specifications

SR 1848-1 code	U34
Name in the standard	Alternating traffic section ahead
Type	Temporary road sign
Shape and colours	150×120 cm yellow panel with the words “Pericol de accidente”, the roadworks and traffic lights signs, and a distance of 400 m
Size	150×120 cm
Material	Galvanised steel sheet, 1 mm
Construction	Rounded corners, pressed edges, no sharp edges
Painting	Electrostatic

Retroreflective sheeting	Class I (RA1)
Retroreflection (white, 0.2°/5°)	70 cd/(lx·m²)
Sheeting service life	7 years (SR 1848-2)
Fixings included	4 clamps, 8 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

Description

The 150×120 cm panel announcing from 400 m a section with alternating traffic controlled by traffic lights, with class I retroreflective sheeting. It goes ahead of portable traffic lights such as the V11-20.

When class I is used

The class I version is the economical choice for work sites on local roads: RA1 retroreflective sheeting with a 7-year service life. The SR 1848-2 rule is simple: a temporary sign must have at least the class of the existing signing on the section, and areas with many light sources call for prismatic class 2 or 3 sheeting.

Where it goes, under SR 1848-1:2024

It goes on roads where a section with alternating one-way traffic controlled by traffic lights must be announced. For alternating traffic controlled by signs, the standard has the U33 panel. On this panel, the distance to the section is 400 m.

What the roadworks rules require (Order 1112/411/2000)

The sign belongs to the advance signing, which is installed first, ahead of the work zone in the direction of travel, with at least 50 cm of clear space outside the carriageway. The rules require signs to be stood on the ground first, to check that they are clearly visible, and only then fixed to a support; no more than two signs go on the same support or side by side, and on one-way roads or bends they can be repeated on the left side or above the road.

For alternating one-way traffic, the rules allow three systems: priority signs, traffic marshals (with paddles such as the V12-20) or traffic lights for automatic control (for example the V11-20 portable lights), supplemented with priority signs. The system is chosen by traffic volume and the length of the section; alternating traffic cannot be organised on a work section longer than 1,200 m, and control by priority signs alone requires visibility between the two ends of the works.

On public roads, works are signed under the methodological rules approved by Order MI/MT no. 1112/411/2000. The road closure or traffic restriction is approved by the road authority, with the traffic police's agreement, on the basis of a signing layout endorsed as final, a copy of which the contractor keeps at the work site. The contractor installs, completes and maintains the signing for the whole job, removes it at the end and restores the original signing; accidents caused by incomplete or missing temporary signing are entirely the contractor's responsibility.

At night, if the existing signing on the road is retroreflective, the temporary signing must be retroreflective too and can be supplemented with flashing or sequential (“cascade”) amber lamps; on main and connecting streets in towns, retroreflective temporary signs are supplemented with flashing amber lamps.

Technical data

- 150×120 cm yellow panel with the words “Pericol de accidente”, the roadworks and traffic lights signs, and a distance of 400 m;
- 1 mm galvanised steel sheet, with rounded corners and pressed edges, no sharp edges;
- electrostatically painted;
- class I retroreflective sheeting (RA1), with a 7-year service life;
- fixings included: 4 clamps for Ø48 mm posts and 8 bolts with nuts;
- compliant with SR EN 12899-1:2007, SR 1848-1:2024, SR 1848-2:2011 and SR 1848-3:2011.

Mounting and size

Fixings for the post are included: 4 clamps for Ø48 mm posts and 8 bolts with nuts; clamps for Ø60 mm posts are available on request. The bottom edge of the sign goes 1.50–2.50 m above the road or kerb, and the edge nearest the road 0.50–2.0 m from the road platform.

SR 1848-2 sets a single size for this panel, 150×120 cm.

Drawings and details · 1/3

U34 – Presemnalizarea unui sector cu circulație alternantă

Advance warning of an alternating one-way traffic section

150 x 120 cm · dimensiunile feței indicatorului
150 x 120 cm · sign face dimensions



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

150 x 120 cm
1500 x 1200 · r = 30
toate drumurile
all roads

Indicator temporar: fond galben; cotele sunt ale feței retroreflectorizante.
Temporary sign: yellow background; 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).

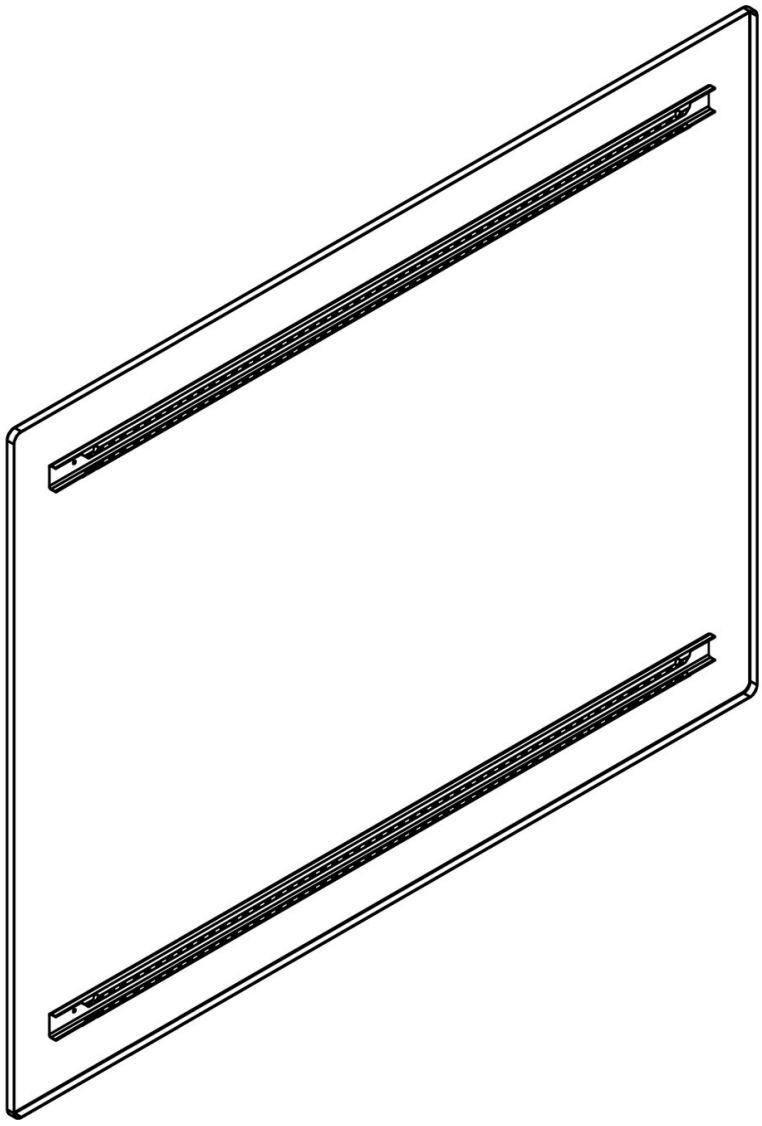
Colțurile se racordează cu raza r = 30 mm (SR 1848-2, 6.6).
Corners are rounded with radius r = 30 mm (SR 1848-2, 6.6).

Latura triunghiului 50 cm; cu semafoare.
Triangle side 50 cm; with traffic signals.

Scriere SR 1848-3: tip „îngust”, H = 170 mm; tip „îngust”, H = 169 mm; tip „îngust”, H = 126 mm.
SR 1848-3 lettering: narrow type, H = 170 mm; narrow type, H = 169 mm; narrow type, H = 126 mm.

Sursa: SR 1848-2:2011, tab. 12.
Source: SR 1848-2:2011, table 12.

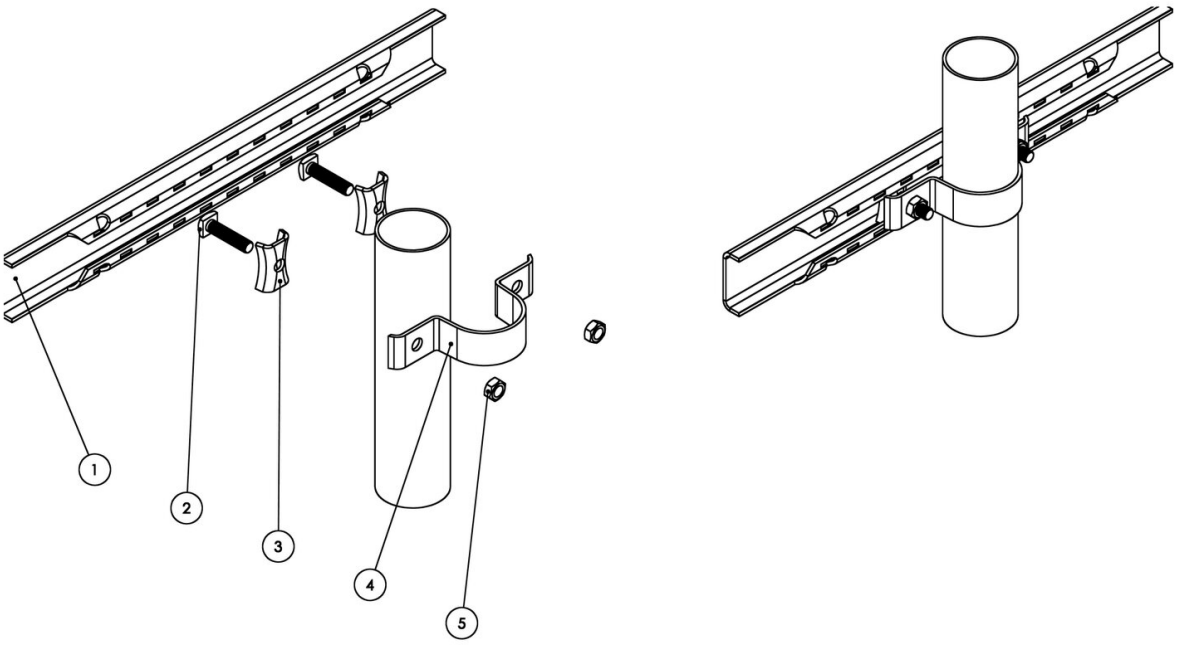
Drawings and details · 2/3



Drawings and details · 3/3

Prindere cu profil de rigidizare și colier, stâlp Ø48 mm

Reinforcement rail and clamp fixing, Ø48 mm post



1 Profil de rigidizare din aluminiu (pe spatele panoului)
Aluminium reinforcement rail (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 Plăcuță anti-rotire din aluminiu (2 buc.)
Aluminium anti-rotation plate (2 pcs)

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

5 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.