U4 Temporary Sign – Dangerous Shoulder, 90 cm, Class II

Signs compliant with SR 1848-1:2024



AT A GLANCE

- Temporary road sign U4 “Dangerous shoulder”, to SR 1848-1:2024.
- Triangle with a 90 cm side, in 1 mm galvanised steel sheet.
- Class II (RA2) prismatic sheeting, guaranteed 10-year service life.
- Fixings included: 2 clamps for Ø48 mm posts and 4 bolts with nuts.

Product code	**U4_II**
Category	**Metal Road Signs (Class II)**
Weight	**5 kg**
Compliance	**Signs compliant with SR 1848-1:2024**

This product on attotrafic.ro
https://attotrafic.ro/en_US/products/u4-acostament-periculos-90-cm-clasa-ii

Technical specifications

SR 1848-1 code	U4
Name in the standard	Dangerous shoulder
Type	Temporary road sign
Shape and colours	Triangle with a 90 cm side, red border and yellow background, with the vehicle-slipping-off-the-shoulder symbol
Size	90 cm
Format (SR 1848-2)	Large
Material	Galvanised steel sheet, 1 mm
Construction	Rounded corners, pressed edges, no sharp edges
Painting	Electrostatic, UV-resistant paint
Retroreflective sheeting	Class II (RA2), prismatic, UV-resistant

Retroreflection (white, 0.2°/5°)	250 cd/(lx·m²)
Sheeting service life	10 years (SR 1848-2)
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

The warning for a shoulder that is not safe to pull onto, in its work-site version: a 90 cm yellow triangle with class II prismatic sheeting. It goes where the works have left the road edge soft or uneven.

Why class II

On national roads and lit streets, permanent signing is often class II, and SR 1848-2 requires temporary signs on the same section to have at least the same class. Class II (RA2) prismatic sheeting returns three to four times more light than class I and has a guaranteed 10-year service life, so the sign can be used on one site after another.

Where it goes, under SR 1848-1:2024

It warns that the shoulder is dangerous because of the works, for example dug up or not yet firm; it has the same meaning as the permanent A12 sign. SR 1848-1:2024 sets no specific distance for this sign: it is installed under the technical regulations in force for signing roadworks, following the signing layout of the works. Like any sign, it normally goes on the right-hand side of the direction of travel, so that it can be seen from at least 50 m in built-up areas and at least 100 m outside them (SR 1848-2).

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.

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

- triangle with a 90 cm side, red border and yellow background, with the vehicle-slipping-off-the-shoulder symbol;
- 1 mm galvanised steel sheet, with rounded corners and pressed edges, no sharp edges;
- electrostatically painted;
- class II (RA2) prismatic retroreflective sheeting, with a guaranteed 10-year service life;
- fixings included: 2 clamps for Ø48 mm posts and 4 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: 2 clamps for Ø48 mm posts and 4 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. Temporary signs can also be mounted on mobile supports (SR 1848-2), such as the V2-15 or V2-28.

Like all temporary signs that have a permanent counterpart, it has the same symbols and sizes, but the white background is replaced with yellow (SR 1848-2), so drivers recognise roadworks signing at once. As with permanent signs, the 90 cm triangle is the large format in SR 1848-2, required on national roads; the normal 70 cm format is for county and local roads and streets. The 70 cm version with class I sheeting is the U4.

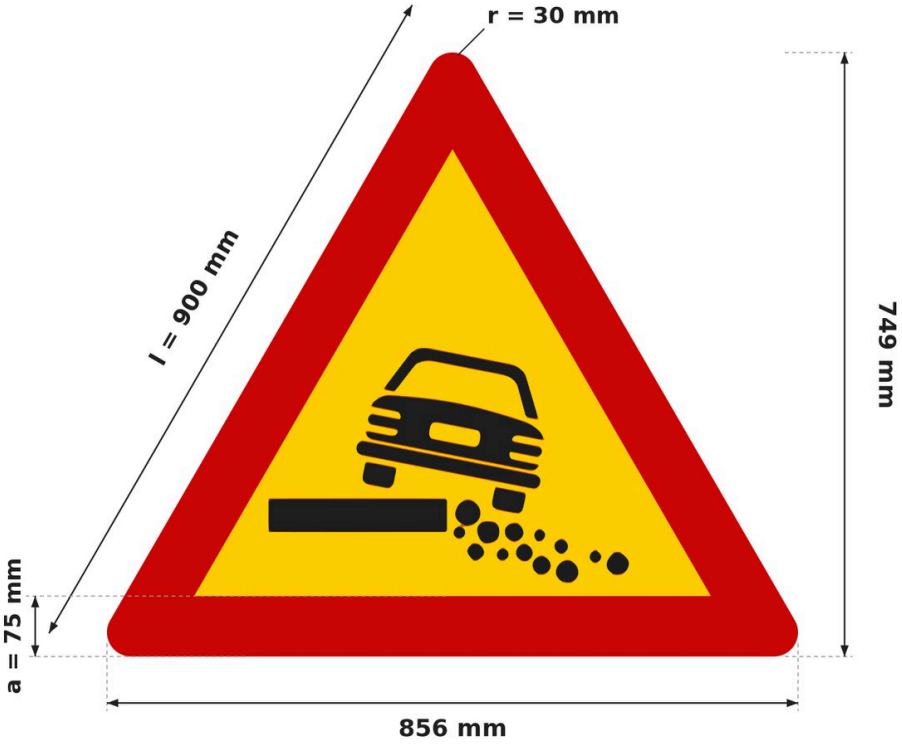
Drawings and details · 1/3

U4 – Acostament periculos

Dangerous shoulder

90 cm · dimensiunile feței indicatorului

90 cm · sign face dimensions



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

70 cm
l = 700 · a = 60 · r = 30
străzi și alte drumuri
streets and other roads

90 cm
l = 900 · a = 75 · r = 30
drumuri naționale
national roads

120 cm
l = 1200 · a = 100 · r = 30
autostrăzi
motorways

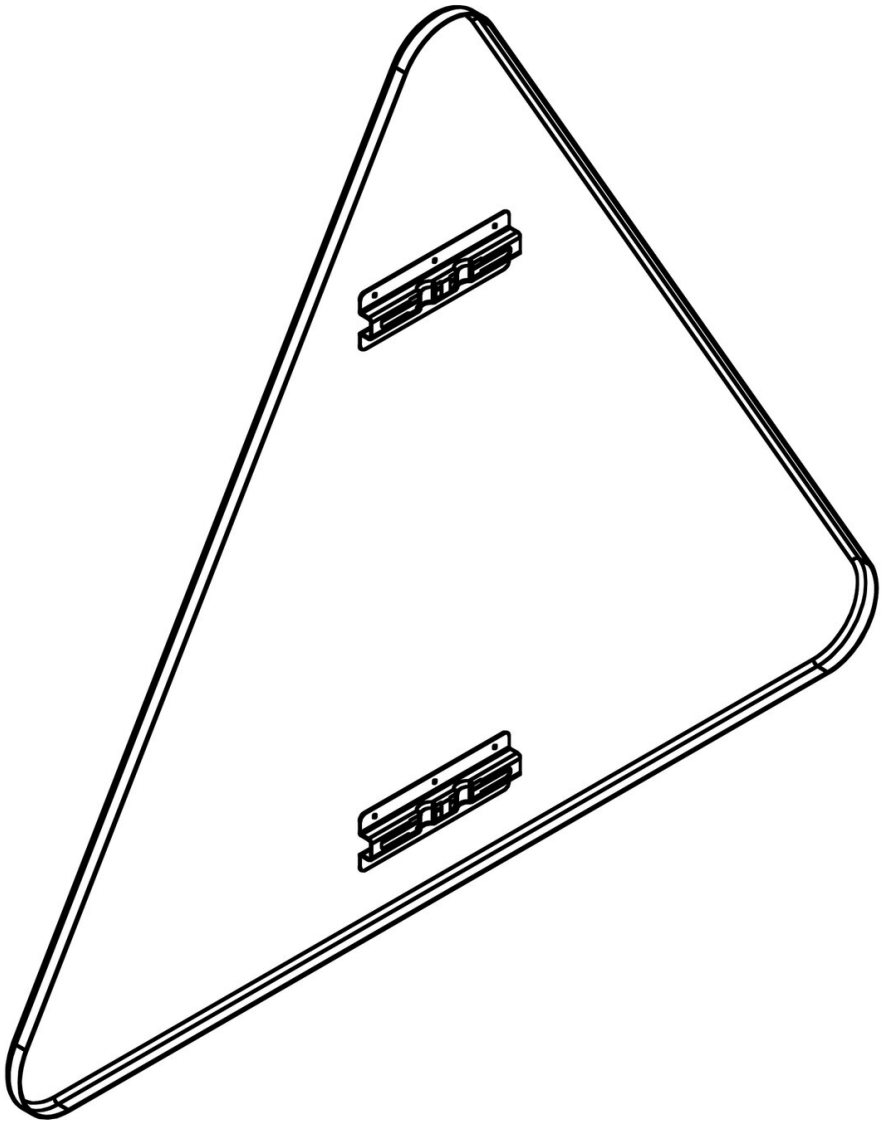
Indicator temporar: fond galben; cotele sunt ale feței retroreflectorizante.
Temporary sign: yellow background; dimensions of the retroreflective face.

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).

l = latura triunghiului cu colțuri ascuțite; colțurile se racordează cu raza r.
l = side of the sharp-cornered triangle; corners are rounded with radius r.

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

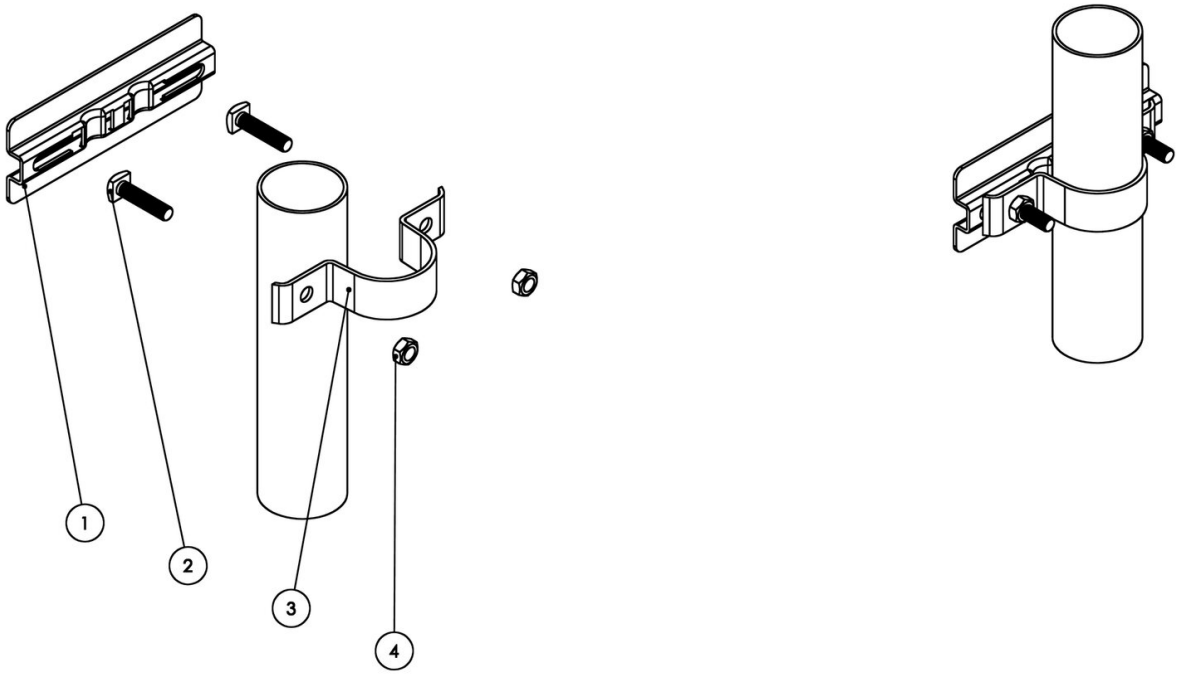
Drawings and details · 2/3



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.