U13 Temporary Sign – Speed Limit 5 km/h, Ø60 cm, Class I

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



AT A GLANCE

- Temporary road sign U13 “Speed limit”, to SR 1848-1:2024.
- 60 cm diameter yellow disc, in 1 mm galvanised steel sheet.
- Class I (RA1) retroreflective sheeting, 7-year service life.
- Fixings included: 2 clamps for Ø48 mm posts and 4 bolts with nuts.

Product code	**U13-5**
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/u13-limitare-de-viteza-5-km-h-o60-cm-clasa-i

Technical specifications

SR 1848-1 code	U13
Name in the standard	Speed limit
Type	Temporary road sign
Shape and colours	60 cm diameter yellow disc, red border, with the number 10
Size	Ø60 cm
Format (SR 1848-2)	Normal
Material	Galvanised steel sheet, 1 mm
Construction	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	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

Description

The 5 km/h limit on an Ø60 cm yellow disc with class I sheeting, for passing at walking pace alongside plant or over milled sections.

When class I is used

Class I (RA1) retroreflective sheeting is the basic class in SR 1848-2, with a 7-year service life. For roadworks, the standard requires temporary signs to have at least the class of the permanent signing on the section, so the class I version is used where the existing signs are class I too, typically on county and local roads and on streets without strong lighting.

Where it goes, under SR 1848-1:2024

It limits speed to 5 km/h on the work section; its permanent counterpart is the C27. The value is chosen to suit the conditions in the work zone, and the end of the limit is shown with the U14 (End of all restrictions). 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.

If permanent signs on the section contradict the temporary signing, for example a different speed limit, the rules require them to be removed or covered with a mask for as long as the restriction lasts.

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

- 60 cm diameter yellow disc, red border, with the number 10;
- 1 mm galvanised steel sheet, with pressed edges, no sharp edges;
- electrostatically painted;
- class I retroreflective sheeting (RA1), with a 7-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 Ø60 cm disc is the normal format in SR 1848-2, for county and local roads and streets; national roads call for the large Ø80 cm format, and motorways for Ø100 cm.

Drawings and details · 1/3

U13 – Limitare de viteză

Maximum speed limit

Ø60 cm · dimensiunile feței indicatorului
Ø60 cm · sign face dimensions



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

Ø60 cm
D = 600 · a = 60 · h = 260
străzi și alte drumuri
streets and other roads

Ø80 cm
D = 800 · a = 80 · h = 345
drumuri naționale
national roads

Ø100 cm
D = 1000 · a = 100 · h = 435
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).

a = lățimea chenarului roșu; h = înălțimea cifrelor (SR 1848-2, tab. 5).
a = width of the red border; h = digit height (SR 1848-2, table 5).

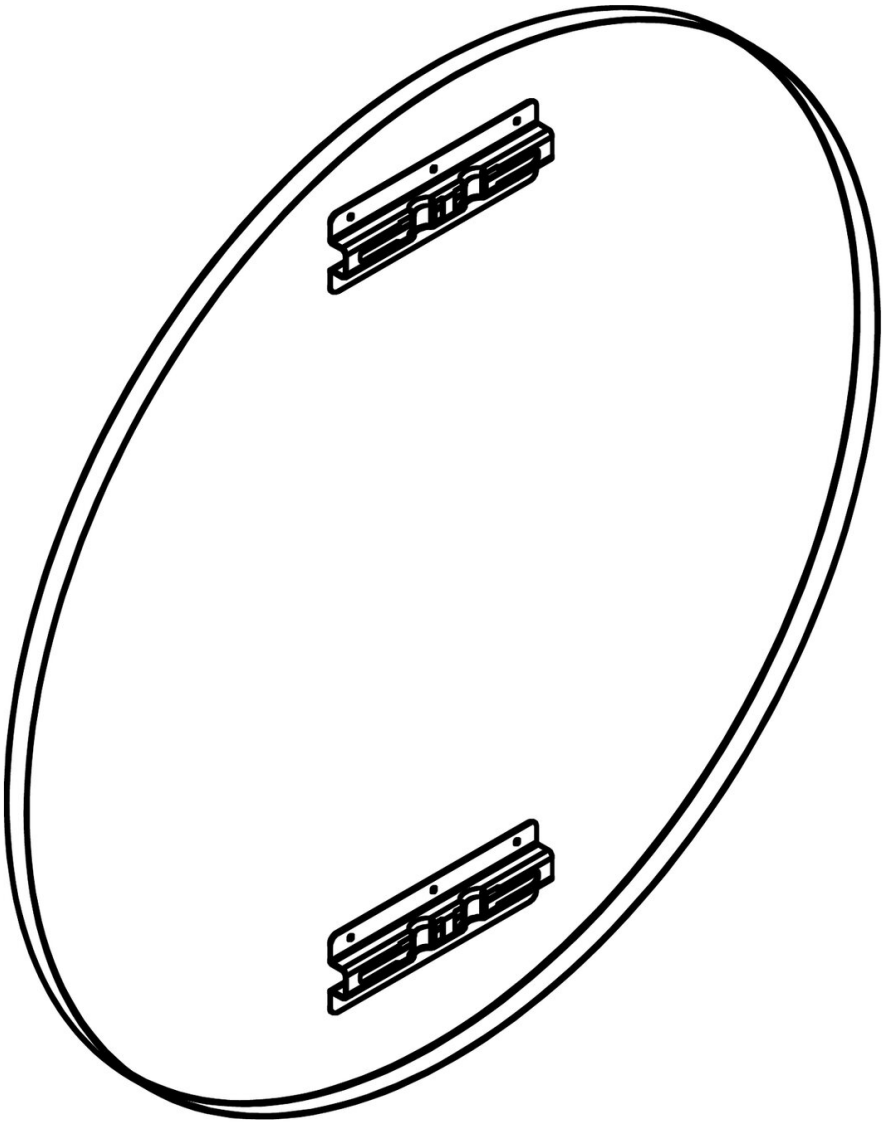
Valori: 5–110 km/h.
Values: 5–110 km/h.

Cifrele: scriere tip „îngust” (ca în figurile SR 1848-1); înălțimea din SR 1848-2, tab. 5.
Digits: narrow type (as in the SR 1848-1 figures); height from SR 1848-2, table 5.

Scriere SR 1848-3: tip „îngust”, H = 260 mm.
SR 1848-3 lettering: narrow type, H = 260 mm.

Sursa: SR 1848-2:2011, tab. 3, tab. 4, tab. 5 și tab. 12.
Source: SR 1848-2:2011, table 3, table 4, table 5 and table 12.

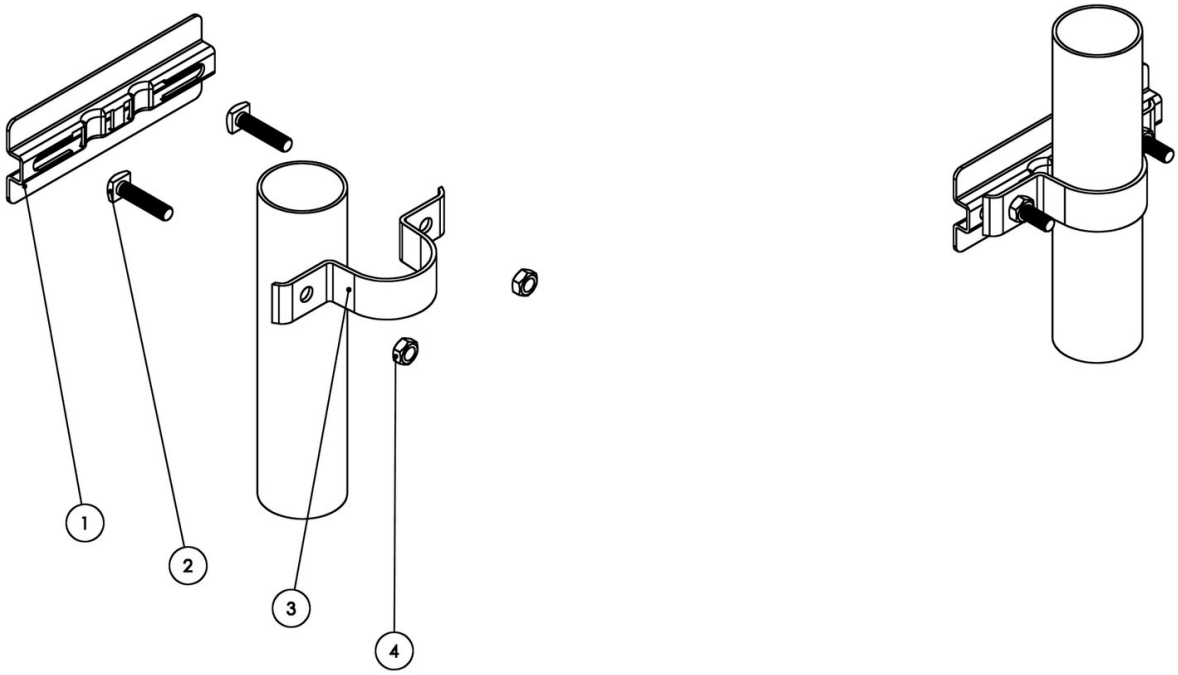
Drawings and details · 2/3



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.