A21 Warning Sign – Falling Rocks, 70 cm, Class I

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



AT A GLANCE

- Warning sign A21 "Falling rocks", to SR 1848-1:2024.
- 70 cm triangle in 1 mm galvanised steel sheet, 2 kg.
- 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	**A21**
Category	**Metal Road Signs**
Weight	**2 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/a21-caderi-de-pietre-70-cm-clasa-i

Technical specifications

SR 1848-1 code	A21
Name in the standard	Falling rocks
Type	Warning road sign
Shape and colours	Equilateral triangle, red border, white background, black symbol
Size	70 cm side
Format (SR 1848-2)	Normal
Red border	60 mm
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	2 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

The A21 marks a stretch of road below a slope where stones or rocks can fall. The symbol also shows which side they come from.

When class I is used

Class I (RA1) sheeting returns 70 cd/(lx·m²) for white to the driver and has a 7-year service life, enough on roads where headlights are the only light: local, minor and private roads or quiet streets. In areas with street lighting, shop windows, advertising and dense urban traffic, however, SR 1848-2 requires prismatic class 2 or 3 sheeting.

Where it goes, under SR 1848-1:2024

It goes on the approach to a section where stones or rocks may fall from the slopes. The symbol shows the side they may fall from. If the section is longer than 0.5 km, the P8 panel goes under the sign and, where needed, the sign is repeated every 0.5 km with the remaining distance.

The distance from the hazard follows the general rule for warning signs: up to 50 m in built-up areas, 100–250 m outside them and 500–1,000 m on motorways and expressways. On motorways and expressways the P4 additional panel with the actual distance is mandatory; elsewhere it is only added when the sign has to stand further back.

Technical data

- equilateral triangle with a 70 cm side (normal format, SR 1848-2), 60 mm red border, white background, black symbol;
- 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: 2 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 and size

The pack also holds 2 clamps for Ø48 mm posts and 4 bolts with nuts for mounting on a post; clamps for Ø60 mm posts are available on request. The correct height, measured at the bottom edge, is 1.50–2.50 m above the road or kerb, and the sign stands 0.50–2.0 m from the edge of the road platform. Choose a spot where it can be seen from 50 m in built-up areas and from 100 m on roads outside them.

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.

The 70 cm triangle is the normal format in SR 1848-2, meant for county and local roads, streets and private roads open to public traffic. National roads call for large 90 cm signs, and motorways for very large 120 cm ones.

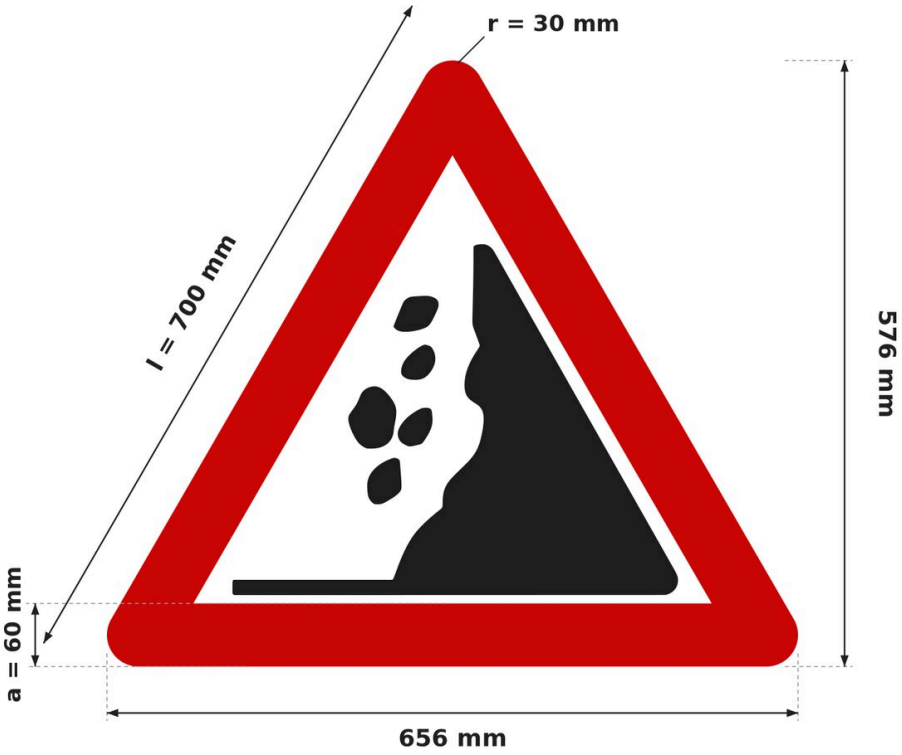
Drawings and details · 1/3

A21 – Căderi de pietre

Falling rocks

70 cm · dimensiunile feței indicatorului

70 cm · sign face dimensions



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

60 cm
l = 600 · a = 50 · r = 15
drumuri vicinale cu trafic redus
low-traffic local access roads

70 cm
l = 700 · a = 60 · r = 30
drumuri județene, comunale, străzi
county and communal roads, streets

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

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

Fond alb, chenar roșu; cotele sunt ale feței retroreflectorizante.
White background, red border; dimensions of the retroreflective face.

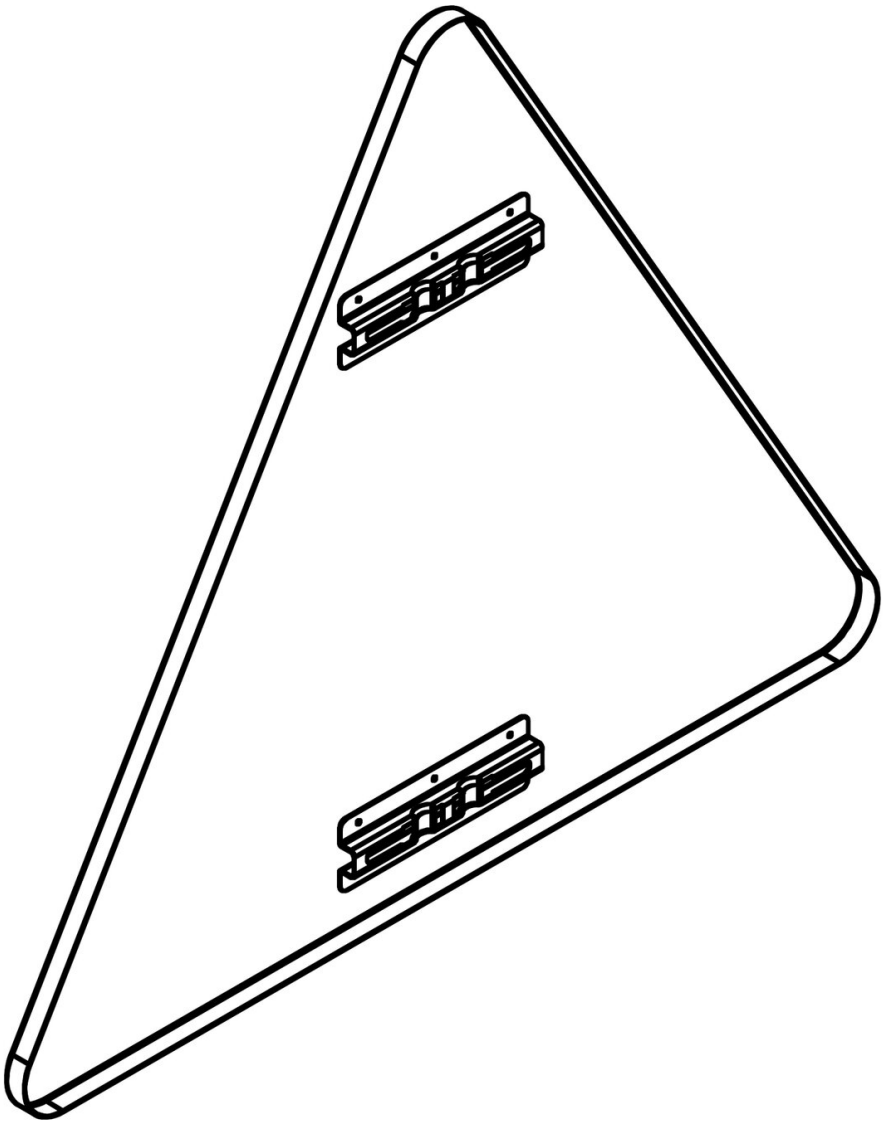
Panoul suport depășește fața cu 5–10 mm (SR 1848-2, 6.1).
The backing panel is 5–10 mm larger than the face (SR 1848-2, 6.1).

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.

Formatul se alege după categoria drumului (SR 1848-2, 5.2); colțuri r = 15 mm la formatul mic, r = 30 mm la celelalte.
The format follows the road category (SR 1848-2, 5.2); corners r = 15 mm on the small format, r = 30 mm on the others.

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

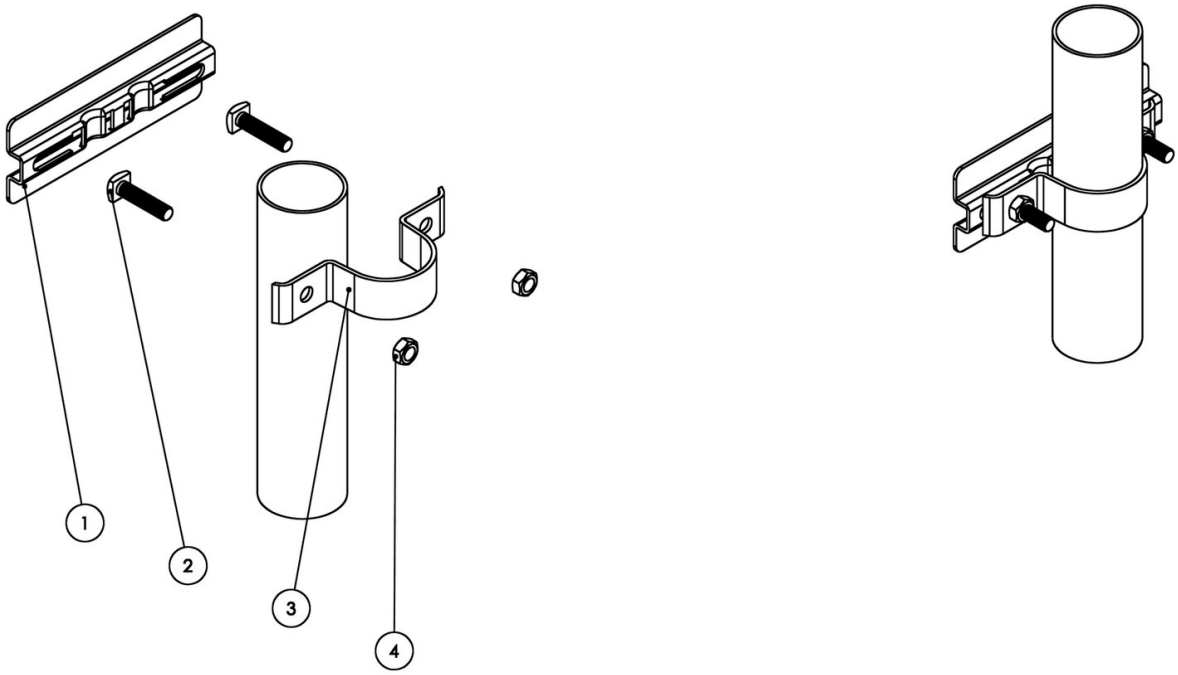
Drawings and details · 2/3



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.