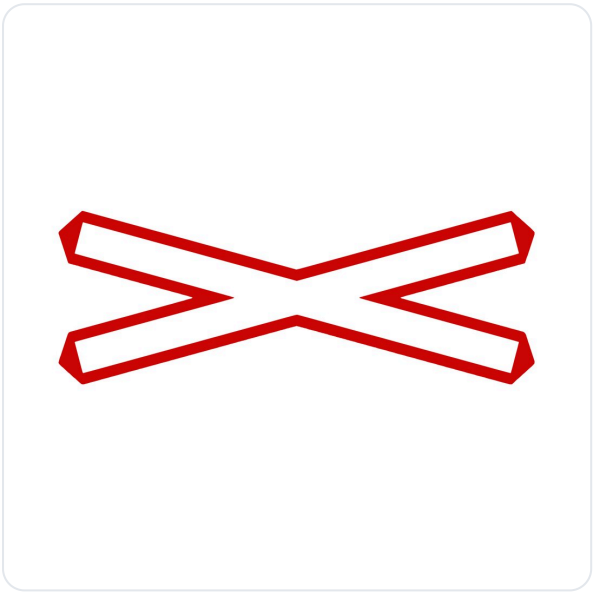
# A47 Sign – Level Crossing, Single Track, No Barriers, Class I

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



## AT A GLANCE

- Warning sign A47 “Level crossing, single track, no barriers”, to SR 1848-1:2024.
- Cross with white arms and a red border (St Andrew's cross), in 1 mm galvanised steel.
- Class I retroreflective sheeting, 7-year service life.
- Fixings included: clamps for Ø48 mm posts and bolts with nuts.
- CE marked; sheeting and paint resistant to UV and weathering.

| | |
|---|---|
| Product code | **A47** |
| Category | **Metal Road Signs** |
| Weight | **4.5 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/a47-trecere-la-nivel-cu-o-cale-ferata-simpla-fara-bariere-clasa-i**

## Technical specifications

| | |
|---|---|
| **SR 1848-1 code** | A47 |
| **Name in the standard** | Level crossing, single track, no barriers |
| **Type** | Level crossing sign |
| **Shape and colours** | Cross with white arms and a red border |
| **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** | Clamps and 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 A47 is the St Andrew's cross: it stands right at a level crossing with a single track and no barriers, the last sign before the rails.

### 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

It goes 6–10 m before the nearest rail, or before the clearance gauge of an electrified line, at a level crossing with a single track. It must be installed together with the B2 “Stop” sign. It is not used at industrial railway crossings.

### Technical data

- cross with white arms and a red border (St Andrew's cross);
- 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: clamps for Ø48 mm posts and 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.

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.

### Who installs it

Under SR 1848-1:2024, the A47–A50 signs, like the A31 with the P7, are the responsibility of the railway operator.

Fixings for the post are included: clamps for Ø48 mm posts and bolts with nuts. Clamps for Ø60 mm posts are available on request.

## Drawings and details · 1/3

# A47 – Trecere la nivel cu o cale ferată simplă, fără bariere

Single-track level crossing without gates

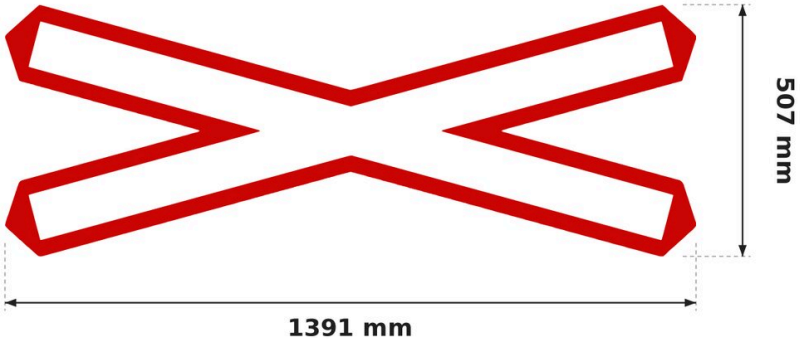
brațe 140 x 15 cm · dimensiunile feței indicatorului

brațe 140 x 15 cm · sign face dimensions

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

**brațe 140 x 15 cm**
braț 1400 x 150 · 30° · chenar 30
toate drumurile
all roads

**brațe 1400 x 150 mm · unghi între brațe 30° · chenar roșu 30 mm**



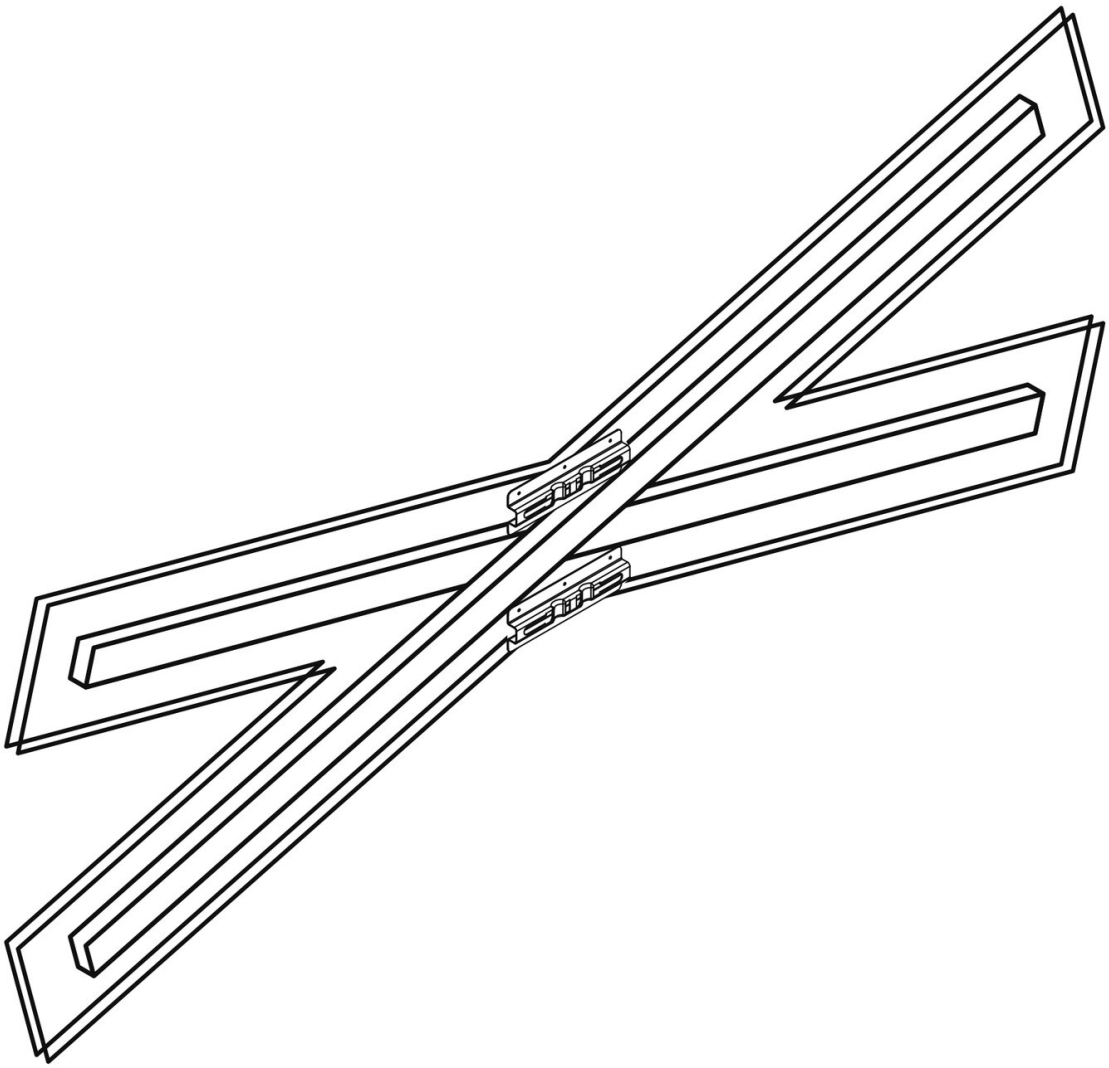

Cotele sunt ale feței retroreflectorizante.
Dimensions of the retroreflective face.

Brațe 1400 x 150 mm, unghiul dintre brațe 30°, chenar roșu 30 mm.
Arms 1400 x 150 mm, 30° between the arms, red border 30 mm.

Se montează la 6–10 m înainte de șina cea mai apropiată.
Installed 6–10 m before the nearest rail.

Sursa: SR 1848-2:2011, tab. 10.
Source: SR 1848-2:2011, table 10.

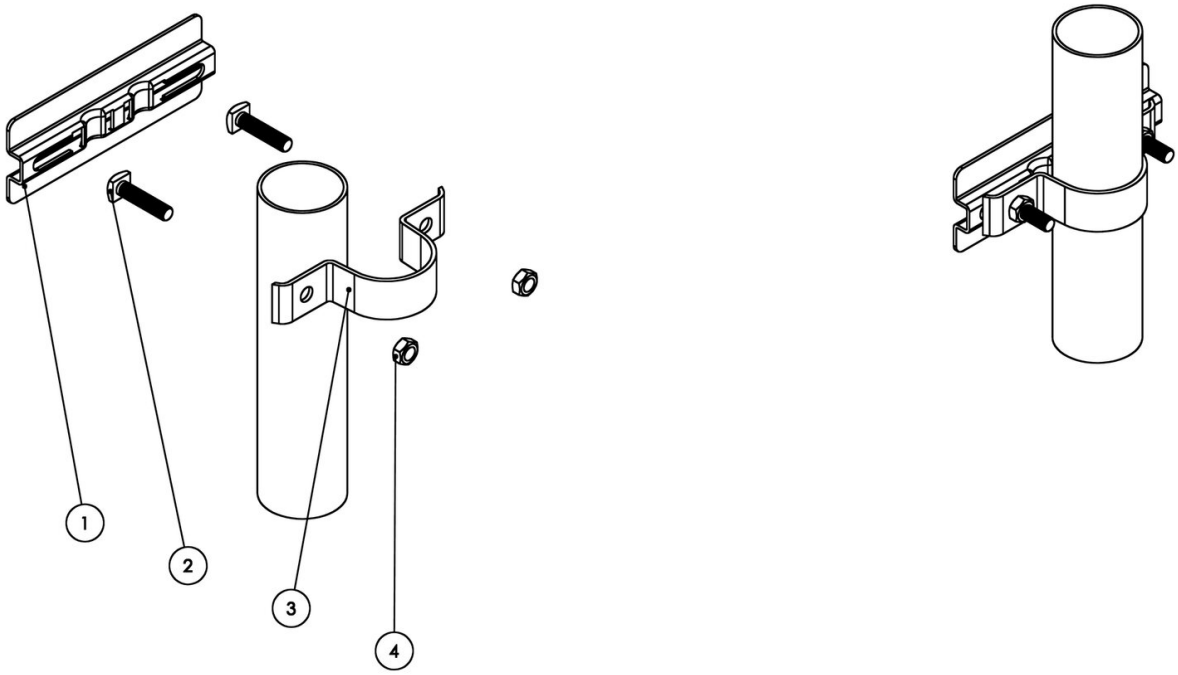
## Drawings and details · 2/3



## 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.