

C18 Prohibition Sign – No Vehicles over 2.5 t, Ø60 cm, Class I

Class I (EGP) Road Signs

Signs compliant with SR 1848-1:2024



AT A GLANCE

- Prohibition or restriction sign C18 "No vehicles with a maximum authorised mass exceeding 2.5 tonnes", to SR 1848-1:2024.
- 60 cm diameter disc, normal format, in 1 mm galvanised steel sheet.
- 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	C18-2.5
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/c18-accesul-interzis-vehiculelor-cu-masa-totala-pest-2-5-t-o60-cm-clasa-i

Technical specifications

SR 1848-1 code	C18
Name in the standard	No vehicles with a maximum authorised mass exceeding 2.5 tonnes
Type	Prohibition or restriction road sign
Shape and colours	White disc with a red border and the value 2.5 t in black
Value shown	2.5 t
Size	60 cm diameter
Format (SR 1848-2)	Normal
Red border	60 mm

Digit height	290 mm large digit, 130 mm small digit
Material	Galvanised steel sheet, 1 mm
Construction	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	3 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 C18 protects bridges and roads that cannot carry heavy vehicles: vehicles with a maximum authorised mass above 2.5 t may not enter. The value is shown in large black figures.

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 at the start of the section, or at both ends of bridges, underpasses, tunnels and other places where vehicles with a maximum authorised mass above the value shown are banned, and at the junction from which the restriction can be avoided. If the restriction covers only one vehicle category, an additional panel shows it.

As a general rule for prohibition and restriction signs, it goes right after the junction before the restricted section, so the drivers concerned can take another route without having to turn back. The sign is repeated after every junction on the section, for drivers joining from side roads, and if the restriction starts further on, the P4 additional panel with the distance goes under it.

Technical data

- 60 cm diameter disc (normal format, SR 1848-2): white with a red border and the value 2.5 t in black;
- 1 mm galvanised steel sheet, with 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: 3 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

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. The sign must be visible from at least 50 m in built-up areas and 100 m 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 60 cm diameter is the normal format in SR 1848-2, for county and local roads, streets and private roads open to public traffic. National roads call for the large Ø80 cm format and motorways for the very large Ø100 cm one; the standard forbids using a smaller format than the road category requires.