

TECHNICAL DESCRIPTION OF CYCLING SIGNS

The signs, based on the Road Traffic Code, will be manufactured in accordance with European and Greek specifications, and in particular:

- EN12899-1: 2007
- Article 4 of the Road Traffic Code,
- the technical instructions and specifications of the Ministry of the Environment, Planning and Public Works Σ-301, Σ-304, Σ-305, 16832 decision of the Ministry of the Environment, Planning and Public Works concerning the specifications Σ-310, Σ-311 and specifications for surface and retroreflective road signs and road signs and the temporary technical specification of the road signs,
- the decision on road markings - Fixed-value signs, according to the European standard EN 12899-1.
- the Decision "Adoption of Technical Instructions for traffic interventions in the urban environment for their implementation in areas of school complexes and areas with increased traffic in the context of improving road safety"

The labels will be accompanied by recent (six-month) test certificates for the laminate and reflective films, issued by a recognized laboratory. The self-adhesive transparent anti-fouling membrane, combined with reflective membranes of road signs, etc. to protect them, allows them to be cleaned by most permanent dirt, using suitable solvents without damaging the substrate's silkscreen films and colors, and without reducing the nominal reflectivity of the plates. It is necessary to produce a certificate from which the characteristics of the antifouling film will emerge.

The support components of the plates shall be steel or aluminum alloy. The steel components, bolts, nuts and washers will be galvanized according to EN ISO 1461 and EIB 05-04-06-00.

It is envisaged to make aluminum alloy profile frames to reinforce and suspend the support plate without piercing its surface, all attachment and suspension components, all hot galvanized according to ENISO 1461, transporting the plates and fasteners to the position fitting properly packaged to avoid engraving or damage, mounting and fixing the plate on the support carrier and temporarily covering the plate with an opaque plastic sheet and removing it (when required).

Signments: On the front of the signs will be printed the logo of the project MEDCYCLETOUR will be given by the Contracting Authority) and the websites "medcycletour.interreg-med.eu" & "eurovelo8.com".

On the rear of the plates, which will be painted with a gray high-strength color, the marking of the intended penalties for damage, etc., the nameplate, the manufacturer's name, the quarter and the year of supply will be indicated.

Other Distinctions as far as the fonts, the background colors and the retrograde surfaces, the shapes and the design / implementation tolerances are concerned, the standards laid down in the MNEs-CCS and EN12899-1: 2007.

P-124 BICYCLE SIGNS

3.00 mm thick horizontal bicycle marking plates with a thickness of 3.00 mm covered with a fully reflective Type II membrane of ten years thickness of 0.08 mm, in accordance with the Greek Technical Specifications Σ310 & Σ-311 and the European Standard ELOT EN 12899-1.

The design of the plate is shown here:



ROAD MAP SIGN TECHNICAL DESCRIPTION (INFO – KIOSKS)

Signs will comply with the following technical specifications and will be manufactured with accuracy based on the designs.

Characteristics: Road map signs will be located at entrance points in order to orient the visitors correctly.

The signs will be informative made of aluminum AlMg2 aluminum alloy sheet of minimum thickness 3mm. The front face of which will be fully covered by a special type I reflex reflective film, which carries a digital printing of the map coated with a transparent lamination film and fully satisfies the Greek Σ310 & Σ311 and European specifications.

The rear face will be gray (gray) and will bear the serial number of the nameplate, the manufacturer's name and the date of manufacture. All special connection fittings (bolts, etc.), steel or aluminum alloy are included. The steel parts will be galvanized according to EN ISO 1481.

Dimensions: 2,00 m. X 1,00 m.

Placing: For the support of the signs galvanized metallic support poles D88 of 4.00 m height will be used with a closed head and the appropriate holes for the support of the plates, with grounding.

