

Vertical & Horizontal Signage

Along with checks on materials and on-site monitoring Article 700 of Order PG-3 (dating from 2000) on signage, ground lighting and guard rails for roads requires the back-reflection, luminance factor and slip resistance of road markings to be maintained within certain limits over time.

The first step is to select the right materials, based on criteria such as:

- **Location of road markings**
- Traffic-free zone
- Right-hand shoulder, 2-lane road
- Left-hand shoulder, 2-lane road
- Shoulder, single-lane road
- Central axis
- Special strips
- Crossings, symbols
- **Pavement texturing**
- Low
- Medium
- High
- **Type of highway & lane width**
- **ADT**
- = 5,000
- > 20,000

It must be assured that all marks maintain the proper back-reflection, luminance factor and SRT throughout their warranty period. To that end, Euroconsult Nuevas Tecnologías has portable back-reflection meters, a spectrophotocolorimeter and an SRT pendulum. We also have three Ecodyn units capable of taking measurements at normal traffic speeds to assess the back-reflection of marks in service

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