





## Leader company in the **Road Marking and Road Safety** market in Uruguay, with more than 28 years of experience in the field.

Bordonix S.A. is the leader company regarding the production, supply, installation and maintenance of road safety devices and road markings, counting with more than 28 years of experience in the field. It has 26,000 m<sup>2</sup> of industrial plant, equipped with state-of-the-art technology machinery for the production of road signs, poles and steel structures.

Among its activities we can include different services like road safety projects, as well as planning, designing, producing, installing and maintaining of road signs, steel structures, road safety devices and road markings both with water and solvent based acrylic paint, thermoplastic materials through the extrusion or spray method, with two component paints or profiled markings. Both for the state or private companies.

Bordonix develops, with the assistance of specialized technicians, its own paint formulations, producing them for each specific need, both, cold acrylic paint or thermoplastics. To apply these, Bordonix has several last generation road marking machines and a great versatility that allows us to carry out big jobs on routes or cities.

The management of the quality control laboratory has to be highlighted, both, in the reception of the used raw materials as in the different productive processes controls.

Bordonix is the first company in this field in all South America to implement quality assurance systems in all the areas of the company, this allowed it to obtain the UNIT ISO 9001 certificate, version 2000 since June 15<sup>th</sup>, 2001.

Bordonix constantly take part of events around the world such as seminars, congresses or expositions where road safety is the central topic, it is also member of different international organizations dedicated to these matters and keep close contact with companies of developed countries that allow it to access the latest technologies regarding road safety.

State-of-the-art technology together with a human team that prioritizes quality, allows Bordonix to be not only the leader company in the country but also be at the forefront of the technology in the region.





## ROAD SIGNS

Road signs and different guiding elements produced and installed according to the Uruguayan Road Sign Standards from the Ministry of Transport and Public Works, requirements from the different departmental governments, or demands or needs of our private clients.

All these elements form a guide for the users of the routes that contribute to regulate, prevent and inform in order to ensure adequate circulation conditions. The signs have a surface treatment outline and a system of paints that guarantee an adequate weathering performance. We also count with state-of-the-art technology equipment to produce everything according to other international standards.



- Road signs
- Urban traffic signs
- Custom street signs
- Construction road signs

## ROAD MARKINGS

Bordonix develops its own paint formulations to be applied cold or hot and it produces them according to each specific need so the marking complies with the demanded service level, like abrasion resistance or retroreflection among others.

To improve the quality of the product and the service we determine the type of paint and microglassbeads to be used, as well as the dosage during the application for which we count with modern equipment and qualified staff.



- Cold paint road marking
- Thermoplastic road marking
- Profiled road marking
- Thermomelt symbols
- Speed reducers
- Reflective pavement markers
- Reflective studs
- Speed breakers

## ROAD MAINTENANCE

Bordonix has contracts in force regarding management and maintenance for road safety service standard.

These contracts imply not only the management of road signs and road markings but they also include other road safety elements, like guardrails, crash cushions, end terminals, pedestrian shelters, bridge rails, etc.



- Maintenance Management
- Road safety projects
- Horizontal and vertical reflectivity measurement service

## VARIABLE MESSAGE SIGNS

The variable message signs are sign panels designed to alert and inform the user on the road conditions.

A panel can show the message through symbols or written messages. They are fixed on posts or structures with aerial views on routes and they spread messages in real time, like weather conditions, jams, wet pavement or informational messages.



- LED VMS
- Prismatic three message signs

## STRUCTURES

Our company produces and installs different types of structures as requested by our clients.

These are calculated based on Unit N°50:1984 Standard, Action of the Wind on Constructions. They are produced in the most varied range of materials, and we carry out their placing around the country.



- Overhead sign structures, gantries
- Monotube cantilever
- Pipe poles
- Traffic light poles
- Supports for construction road signs

## ROAD CONTAINMENT SYSTEMS

Pioneers in the introduction to the market of different types of devices as crash cushions, CASS systems and end terminals MASH TL3. Installing them throughout the country and in the most diverse types of soils and pavements.

All with the objective of containing, redirecting the vehicle and reducing the severity of the impact.



- Guardrails
- CASS System
- Crash cushion
- End Terminal MASH TL3

## TRAFFIC SAFETY DEVICES

As a service to our clients, Bordonix supplies or manufacture devices for traffic safety and road constructions areas.



- Beacon cones
- Reflective vests
- Plastic New Jersey
- Plastic signs
- Cylindrical flexible delineators
- Flexible steel delineators
- Speed bumps
- Pedestrian rails
- Reflective material

## STREET FURNITURE

We build and install, following specifications and drawings of our clients, both, public or private: signs for touristic information, benches, pedestrian shelters, traffic light poles, or different styles of poles for a variety of light street luminaires.



- Pedestrian shelters
- Benches
- Tourist information signs

## VARIOUS

With the representation of foreign firms, we sell radars and breathalyzers. What is more, we offer training services, maintenance, calibration and the after sales service of the same.



- Alcohol breathalyzers
- Radars



Road signs

Road markings

Road maintenance

Variable messages signs

Steel structures

Road containment systems

Traffic safety devices

Street furniture

Breathalyzers

Radars

