

MANUFACTURE OF **MTS** ON PARKING FLOORING AND SIGNPOST.

- UNDERGROUND PARKIN INDAUTXU SQUARE –

The **MANSILLAS Thermoplastic System (MTS)** is an interesting technology capable of manufacturing new parts over existing ones or repairing them by creating a continuous sheet that plastifies the surface to resist, stabilize and increase the useful life of various installations. Solving your common problems of corrosion, abrasion, damage from strong impacts, leaks or any degradation caused by an aggressive environment on concrete, metal, wood, asphalt, polyester or virtually any construction material.



Sample of STM

The surface of these installations are made of concrete, due to the use, the daily traffic of hundreds of vehicles, the painting rises and exfoliates, producing afterwards wear on the concrete pavement, or even cracks in the pavement.

The ideal solution has been the creation of a new surface in thermoplastic by manufacturing with mobile factory in situ, without joints or unions, with **MTS**. Protecting this surface completely and making a new pavement, since the previously used solutions have not given the adequate result (epoxy paints, coatings.)

Protecting the surface completely and nullifying the process of degradation caused by the traffic of vehicles and their subsequent signaling of squares, symbols, etc.

Apart from the technology of our **MANSILLAS Thermoplastic System (MTS)**, another advantage to be taken into account is that, due to the scarce curing time, the car park has not lost functionality and has continued to service with complete normality, while the manufacture of the **MTS**.

Before the beginning of the works the initial state of the parking was as follows:

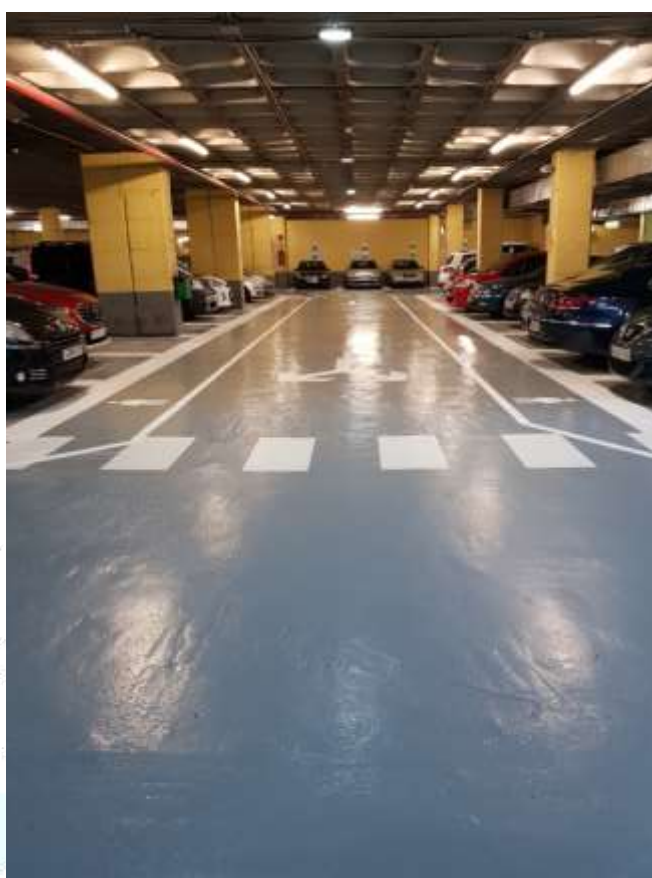


Cleaning, sanding and surface preparation

The work was carried out as follows:

1. Cleaning the surface by mechanical sanding
2. First application on the decontamination surface.
3. Manufacture and Application of ***Mansillas Thermoplastic System (MTS)***.
4. Signaling of roads and parking spaces.

Once completed, the result of the work are as follows:



With the Mansillas Thermoplastic System we have created a new surface over the existing one with the same dimensions but with a greater resistance and durability.

We conclude that by using the **MTS** for the rehabilitation of these facilities, in a minimum time with the best results, the operating time is minimal and the installation was operative within a few hours of implementing the **MTS**.

In this way the **MTS** becomes a great ally for the maintenance and protection of concrete structures, as well as metallic or polyester in industrial installations, with the consequent economic saving for the customer avoiding breakdowns, replacements of parts and minimizing times of stop.

Mansillas Thermoplastic System features (MTS):

- Advanced technology for the creation of a new body over the existing support, which provides a perfect barrier or shield against external attacks.
- Ability to manufacture new parts.
- Adaptation and specific design of the system for each project.
- Complete technical Mobility: Implementation of the system in place required by the client, using mobile autonomous factory.
- Faster implementation of projects: fast uptime 6 to 20 seconds.
- Indifferent system to moisture and temperature: Not sensitive to high humidity and can be applied to virtually any temperature without complication.
- Low permeability classification and water vapor transmission.
- Excellent physical properties: abrasion resistance, tensile, impact, tear, fire, chemical ...
- Excellent adhesion.
- Continuous system without joints or cracks: removing accesses fluids, bacteria or other contaminants that enter the support and degrade.
- Long-term stable system, keeping their original physical properties even with long-term aging and obtaining the durability of the structures.
- Environmentally friendly.

