

MANUFACTURE OF METALIC GUTTERS WITH **MTS**.

The **MANSILLAS THERMOPLASTIC SYSTEM (MTS)** is an interesting technology capable of manufacture new pieces over the existing or repair it by creating a continuous coating that plasticize the surface to resist, stabilize and increase the useful life of diverse facilities, solving common problems of corrosion, abrasion or damage due to impacts and any other degradation caused by an aggressive environment in surfaces of concrete, metallic, Wood, asphalt, polyester or any other material of construcción.



Sample of MTS used for the gutters.

In this case, we treat the restoration of metal gutters damaged by the action of chemicals that pass through them (3% sulfuric acid, in addition to a ph of between 1 and 10) these gutters have lost section and these chemicals have entered into the concrete that was underneath these gutters degrading it, so before the manufacture of the new gutters with the implantation of the **MTS** it was necessary to carry out a small civil work to repair the hollows in the concrete.

The estate of the facility is the next:





The ideal solution is the manufacture of new gutters over the existing with **Mansillas Thermoplastyc System (MTS)**, stopping the corrosion process of this facility and protecting the surface, manufacturing a totally continuous and waterproof piece.

The manufacturing works of the new gutters has consisted, after the civil Works, in cleaning the surface, applying primer (union bridge) and finishing with the manufacture of the new gutters, continously without joints and in a single piece with our **Mansillas Thermoplastyc System (MTS)**.



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The result after manufacturing the **MTS** is as follows















The execution of the works, from its cleaning to the manufacture of the new gutters, lasted two days approximately, the facility was operational in a short time.

With Mansillas Thermoplastic System (MTS) se have created new gutters over the existing ones, with the same dimensions but with higher resistance and durability, stopping the corrosion process of the metal.

We can conclude that thanks to the use of **MTS** for the rehabilitation of these facilities, the shortest possible time is used with the best results, because the treat time is minimal and the gutters were operational within a few hour of implementing the **MTS**.

In this way the **MTS** becomes a great ally for the maintenance and protection of concrete, metal or polyester structures in industrial facilities, with the consequent economic saving for the costumer avoiding breakdowns or replacement of pieces and minimizing downtime.

Características del Sistema Termoplástico Mansillas (STM):

-  Advanced thechnology for the creation of a new body over the existing support, wich provides a perfect barrier or shiel against external attackcs
-  Ability to manufacture new parts.
-  Adaptation and specific design of the system for each proyect.
-  Complete technical Mobility: Implementation of the system in place required by the client, using mobile automous factory.
-  Faster implementation of projects: fast uptime 6 to 20 seconds.
-  Indifferent system to moisture and temperatura: Not sensitive to high humidity and can be applied to virtually any temperatura without complication.
-  Low permeatilty classification and water vapor transmission.
-  Excellent physical properties: abrasion resistance, tensile, impact, tear, fire, chemical...
-  Excellent adhesión.
-  Constinuous system without joints or cracks: removin 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 obtain the durability of the structures.
-  Environmentally fiendly.