

## DECANTER CONE REPAIRED WITH **MTS**.

The **MANSILLAS THERMOPLASTIC SYSTEM (MTS)** is an interesting technology capable of fabricating new parts over existing ones, or repairing by creating a continuous sheet to plasticize the surface to resist, stabilize and increase the life of various facilities, solving common problems of corrosion, abrasion, impact, damage from high impacts, leakage or degradation caused by an aggressive environment on concrete, metal, wood, asphalt, polyester or virtually any building material.



Sample of MTS used for the cones.

During a technical visit we can observe two cones belonging to a decanter that are in quite poor condition, they have a section losses, cracks, etc which causes water leaks to the outside.



Prior to the work with **MTS**, it was necessary to repair these section losses and cracks that the cones presented.



The ideal solution is the manufacture of the inside of the cones with **MANSILLAS THERMOPLASTIC SYSTEM (MTS)** thus stopping them from continuing to have section losses and cracks, which are affecting their structure.

The first step has been to clean both cones by its inside with pressurized water, channel included, for later the manufacture of two new cones together with the channel that surrounds them, also in poor condition, with **MTS**

The result after manufacturing the **MTS** is the following:















The execution of the works, from the cleaning of the dirt, to the manufacture of the two new cones and the channels lasted approximately three days, the facilities were operational again in a short time.

*With Mansillas Thermoplastic System (MTS) we have created two new cones, with the same dimensions as the old ones, but with greater resistance and durability, also slowing down the degradation of their structure.*

We can conclude that, thanks to the use of the **MTS** for the rehabilitation of this pieces, the shortest possible time has been used with the best results. No major disruptions have been caused, the rehabilitation time has been minimal and the pipeline was operational immediately after implanting the **MTS**.

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

***Mansillas Thermoplastic System (MTS) features:***

-  Advanced technology for the creation of a new body over the existing support, wich provides a perfect barrier or shield against external attacks.
-  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 autonomous factory.
-  Faster implementation of projects: fast uptime 6 to 20 seconds.
-  Indiferent 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 acceses fluids, bactéria or other contaminants that penétrate the support and degrade it.
-  Long-term stable system, keeping their original physical properties even with long-term aging and obtaining the durability of the structures.
-  Environmentally friendly.