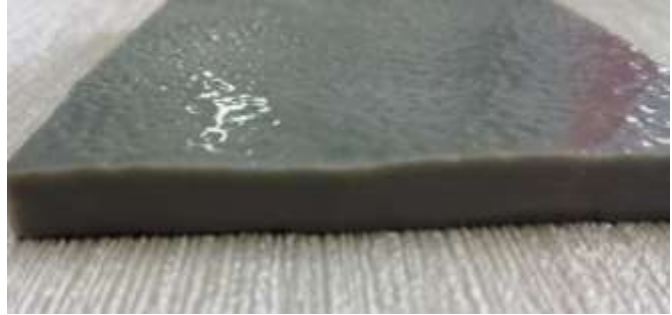


DEHYDRATED SLUDGE SILOS REPAIRED WITH **MTS**.

Mansillas Thermoplastic System (MTS) is an interesting technology capable of manufacture new pieces over existing ones or repairing them by creating a continuous sheet that plasticizes the surface to resist, stabilize and increase the useful life of various installations, solving common problems of corrosion, abrasion, damage due to heavy impacts, leaks or any degradation caused by an aggressive environment on concrete, metal, wood, asphalt, polyester surfaces or practically any construction material.



Sample of MTS used for the silos.

In technical visit are observed two dehydrated sludge silo with a lot of corrosion, inside and outside of this facilities, in one of them it can even see loss of section, prior to the work with **MTS**, it was necessary to repair these section losses due to the severe corrosion of the metal that they presented.



The ideal solution is the manufacture of the inside and the outside of the silos, roof included, with **Mansillas Thermoplastic System (MTS)**, thus stopping the corrosion of these silos, which is affecting their structure.

The first step has been the cleaning of both silos by its inside with pressurized water, to subsequently apply primer to decontaminate the surface.



Finally, the new silos have been manufactured by its inside and its outside with our ***Mansillas Thermoplastic System (MTS)***.



The result after the manufacture of the **MTS** is the next:

Inside of the Silo:



Detail of the outside of the silos:



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The execution of the works, from the cleaning to the manufacture of the two new silos lasted six days approximately, being the facilities operational again in a short time.

With Mansillas Thermoplastic System (MTS) we have created two new silos, with the same dimensions but with higher resistance and durability, stopping also the degradation of the structure caused by the corrosion.

We can conclude that thanks to the use of the **MTS** for the rehabilitation of this silos, the shortest possible time has been used with the best results. No major disturbances, the rehabilitation time has been minimal and the silos were operational immediately after implanting the **MTS**.

In this way, the **MTS** becomes a great ally for the maintenance and protection of both metal and concrete or polyester structures in industrial facilities. With the consequent economic savings for the customer, 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, 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.