

WATERPROOFING OF BUILDING ROOF WITH **MTS**.

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 plasticizes the surface to resist, stabilize and increase the useful life of various installations. Solving their 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 to manufacture the new roof.

Roof of Buildings, due to their exposure to weather conditions, transits, etc suffer damage, as a result of this, their covering breaks and appear fissures, this fissures make rainwater or cleaning water come into the building, this report deals with the repair of a roof with fissures, repaired with **MTS**. Apart of this, the roof have a lot of air conditioning machinery, that thanks to the **MTS** it hasn't been necessary to disassemble to manufacture the new roof.



The roof before manufacture the MTS.



The ideal solution has been the creation of a new surface of the roof, plasticizing it, without joints, with **MTS**, protecting the surface and eliminating fissures and water filtrations into the building, with the same dimensions but with high resistance.

After the cleaning and preparation of the surface, started the manufacture of the new roof with **Mansillas Thermoplastic System (MTS)**, the first step was the application of primer, before manufacture of **MTS**.

With the use of **Mansillas Thermoplastic System (MTS)** it hasn't been necessary to disassemble the air conditioning machinery to manufacture the new roof.





New roof manufacture with MTS.

The execution of the new roof from its cleaning to its start-up lasted approximately four days, the facilities were quickly operational without causing serious disruption to the company.















For more information: www.mansillas.com
mansillas@mansillas.com
Head Quarters: 925 812 632/ 618 813 354

With Mansillas Thermoplastic System (MTS) we have created a new roof with the same dimensions but with strength and durability.

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 operation time is minimal and the installation was operational within a few hours of implementing the **MTS**.

In this way the **MTS** becomes a great ally for the maintenance and protection of both concrete, metal 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 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.