

## SKYLIGHTS WATERPROOFED 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 for skylights restoration.

The skylights of this roof, due to the exposition to weather conditions and environmental pollution suffer damage, as a result of this, appear fissures that makes rainwater or cleaning water come into the building, this report deals with the repair of several skylights with fissures, repaired with **MTS**. Several zones of the roof has been repaired because they had fissures too, as the skylights.





After to clean and prepare the surface of the skylights, eliminating the older coating that it had not succes, starting the works to manufacture the perimeter of the skylights with **Mansillas Thermoplastic System (MTS)**, the first step was the application of primer before the manufacture of the **MTS**.



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After the application of **MTS**, this is the result:



Detail of skylights and several zones of the roof waterproofed.













The execution of the works of skylights waterproof, from its cleaning to the end lasted two days approximately without causing serious disruption to the company.

*With Mansillas Thermoplastic System (MTS) we have waterproofing the skylights, manufacturing a new perimeter with higher resistance and durability.*

We can conclude thanks to the use of **MTS** to the waterproofing of these skylights the shortest possible time is used with the best results, because the operation time is minimal and the skylight were ready immediately after the manufacture of **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 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.



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