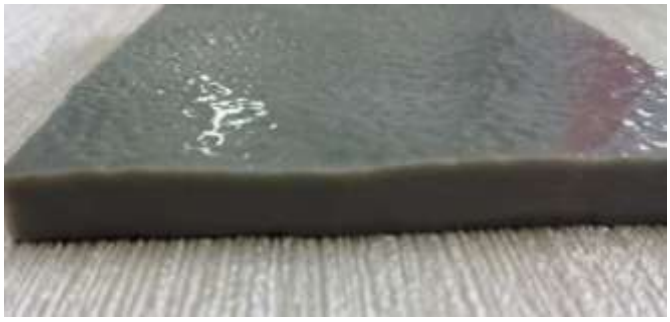
FLOORS MANUFACTURING WITH **MTS**.

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.

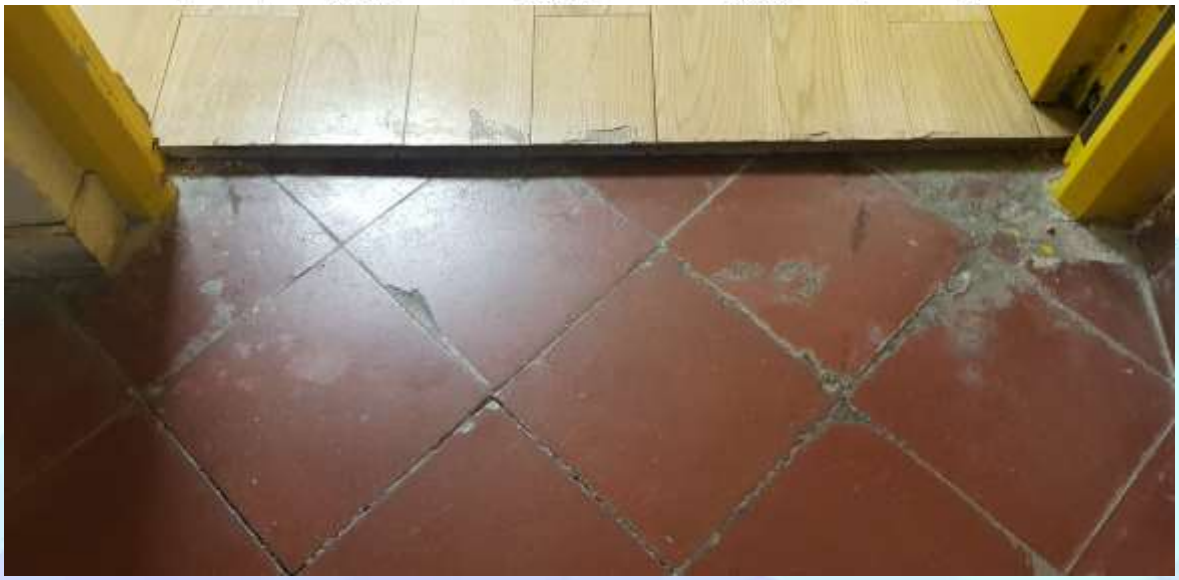


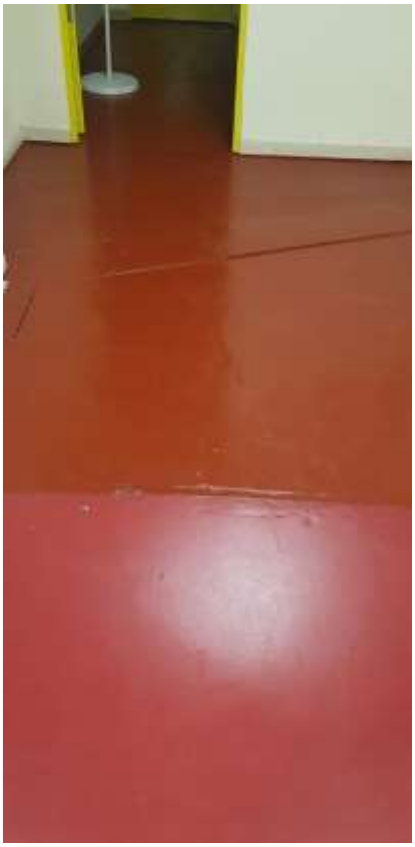
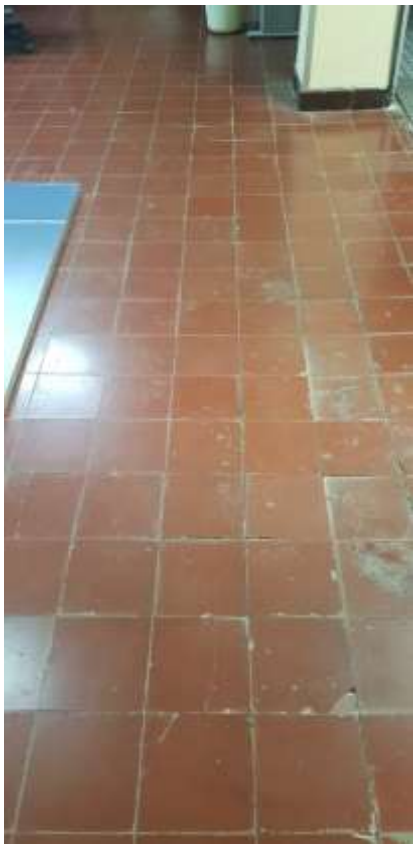
Sample of MTS

Non-slip floor in office building with high passage of persons.

During technical visit we can observed a floor with two differentiated áreas, the first is an área that is painded and it presents cracks, in this área there are a mobile files that slides along rails, and therefore, being a archive área, the passage of personnel is high. The second área is an ols stoneware tile pavement of approximately 20 x 20 cm, these tiles are hollowed out, with small holes, this área corresponds to the office area with talbes and offices, also with a high passage of personnel , office chairs, etc.

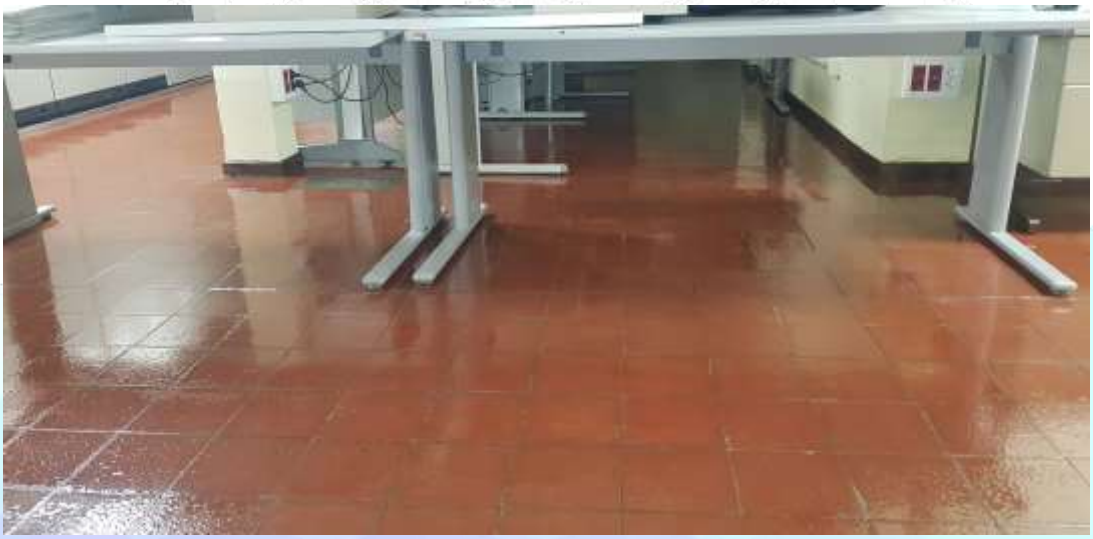
Initial state of the floors before the worsk:

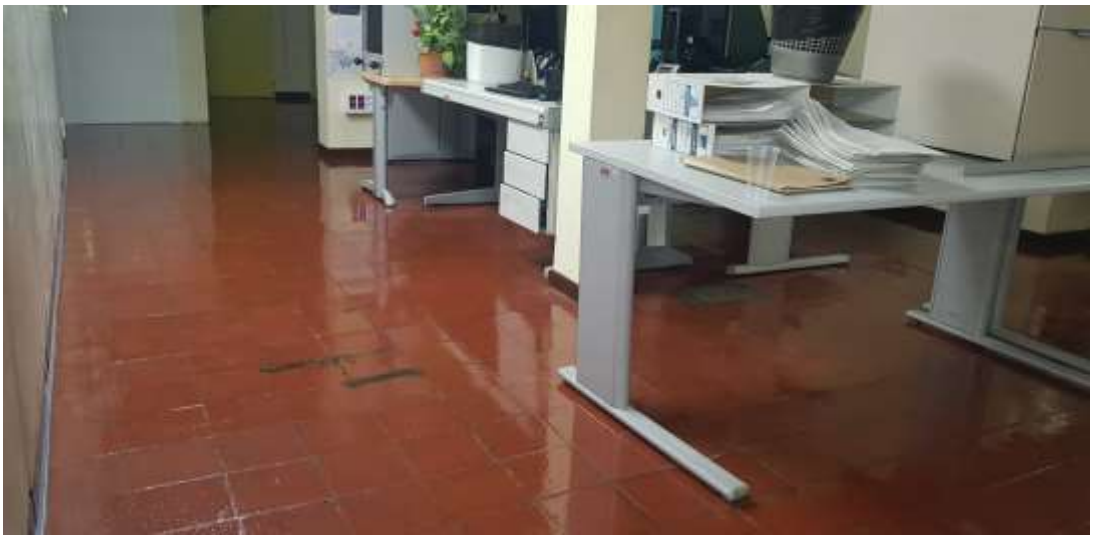



The ideal solution to obtain a non-slip floor and protect it, is the manufacture a new floor, continuour in one piece and non-slip finish with **MTS**.

Once the surface is prepared, cleaning the badly adhered and damaged coating, we have applied primer as a bonding bridge, leaving the surface prepared for the manufacture of the new floor.



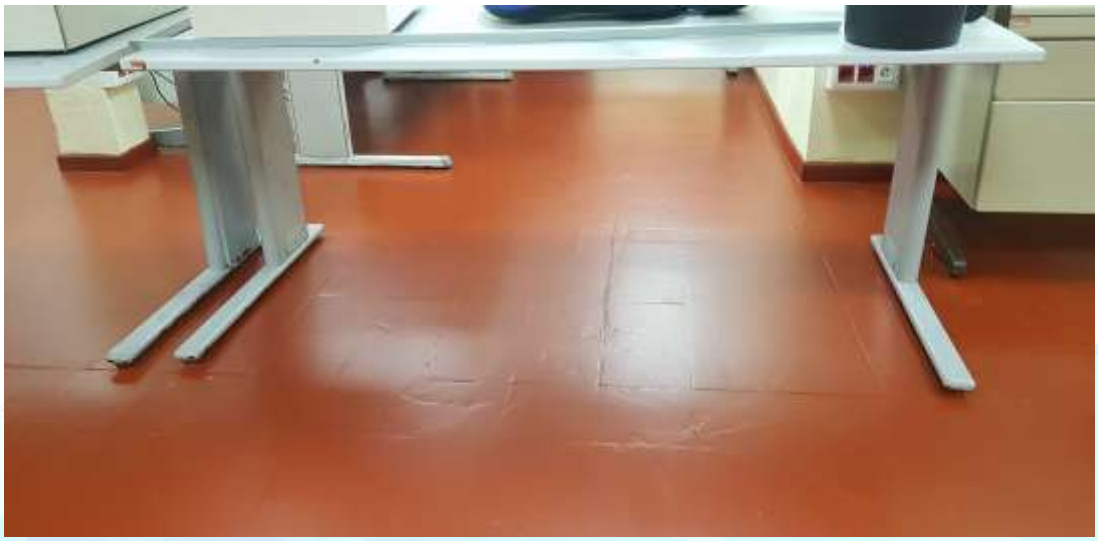


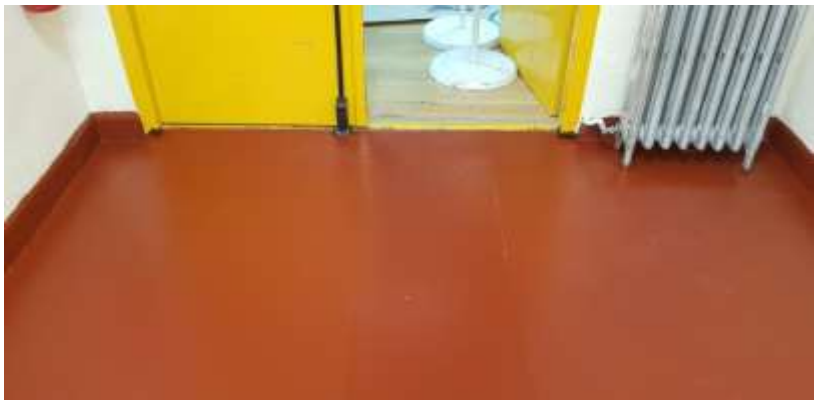
Finally a new floor has been manufactured, with mobile factory, in situ, without joints, continuous, with **MTS** protecting the surface completely, and making a non-slip new floor with high ressitante to the passage of personnel.

With the manufacture of this new floor, we stopping the damage of the old tiles and the paint of the mobile files area for the passage.

Apart of technology of our ***Mansillas Thermoplastic System***, other important advantage is, due to the short curing time, there have been no interruptions in the office activity.

Once the work is finished, the result is:





With Mansillas Thermoplastic System we have created a new non-slip floor over the existing, with the same dimensions but with higher resistance 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 treat time is minimal and the floors were operational within a few hours of implementing the ***MTS.***

In this way the ***MTS*** becomes a great ally for the maintenance and protection of concrete, metal or polyester stuctures in industrial facilities, whith the consequent economic savings for the costumer avoiding breakdown, 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.