

Reference Project Name: Planta Samboro

Category: Factory (Production Plant)

Project Overview:

- The plant needed an additional production line in its facilities. This additional line would require a covering for 2500 square meters.
- The solution provided by MAPEI was Mapefloor System 32

Project Background:

Samboro is one of the largest ceramic tile producers in Guatemala, its factory is well automatized, with driverless forklifts that require a specific flattened surface for its convenient operation, and for avoiding the tiles breaking.

The major challenges for this project were:

- The plant couldn't stop its production during the construction, so the system had to be installed during production time.
- The wall that surrounded the area where the new line would be installed wasn't finished, so humidity and dust had a higher incidence in the installation of the new flooring covering (more than in a normal installation).
- The Contractor assigned requested training for his crew (Mapefloor System), we had a visit from our specialist in Mexico to train the Contractor's personnel.

Project Information:

Period of construction: Feb 2021-March 2022

Year of MAPEI involvement: 2021

MAPEI Coordinator: Rita Donis

Project Owner: Samaboro

MAPEI Distributors: Samboro

Architect: Unknown

General Contractor: Los Pepes – Hugo Aguilar

Surface preparation contractor: Los Pepes – Hugo Aguilar

Tile and stone installers: None

Floorcovering installers: None

Project manager: Rita Donis

Photographer: Rita Donis

Project size: \$ 110,685.00 + VAT

MAPEI products used:

- *Primer SN (Italian version)*
- *Mapefloor I 300 SL*
- *Quarzo 0.5*
- *Quarzo 0.25*

MAPEI products at work on the jobsite:

- We started with a training course with the installers in charge.
- A sample of the system and its installation requirements was prepared at the plant to follow all the process to recreate the required floor finish (a non-slippery system).
- Specific recommendations towards the ICRI and preparation of the surface were conducted.
- The project covered 2500 m<sup>2</sup> of the System 32 applying
  - Primer SN + Quarzo 0.5
  - Mapefloor I 300 SL + Quarzo 0.25
  - Mapefloor I 300 SL mixed with Quarzo 0.25 + Quarzo 0.25