MASSY STORES SUPERMARKET
Project Spotlight

Globally Proven
Construction Solutions

GENERAL CONTRACTOR:
Moorjani Caribbean Barbados Ltd
St. Michael, Barbados

INSTALLER:
Concrete Genius
Valsayn, Trinidad

BUILDING OWNER:
Massy Stores (Barbados) Ltd.
Port-of-Spain, Trinidad

DISTRIBUTOR:
Tile Gallery
St. Michael, Barbados
The Situation
Welcoming approximately one million visitors each year, the island of Barbados is known for its quaint charm, laid-back atmosphere and white sand beaches.

While the tourism industry makes up more than half of the country’s economy, there is one company that has become a staple to both tourists and locals alike: Massy Stores. As the largest supermarket in the region, Massy Stores has more than 47 locations in the Caribbean and growing.

In early 2017, Massy Stores set its sights on the parish of St. James to open a new 2,787 square meter (30,000 square foot) state-of-the-art supermarket. The transformation would begin with the demolition of what was previously a mall and include extensive renovations to the entire property, including the existing Massy Stores on site.

General contractor Moorjani Caribbean Barbados Ltd hired Trinidad-based Concrete Genius to ensure that the entire floor in the new space would be 3mm (1/8 inch) or less tolerance within 3 meters (10 linear feet).

“A LATICRETE Solution
Concrete Genius began the leveling process by using a floor grinder to remove loose surface concrete and profile the concrete substrate. The team then swept, vacuumed and pressure washed the concrete to prep the area for NXT® Primer. The water-based primer is designed to be applied prior to the installation of underlayment and is a must-have for leveling projects due to its ability to deeply penetrate into the substrate and maximize bond strength.

NXT Level, a cement-based underlayment for use in leveling interior substrates, was then mixed and spread continuously across the concrete substrate by multiple team members, and installed with a gauge rake and porcupine roller. This product was selected by Concrete Genius to produce a flat, smooth and hard surface for the finished flooring installation.
Once cured, NXT Level is durable, fire- and heat-resistant, non-combustible, non-sensitive to moisture and maintenance-free. The entire application process took two days to complete.

Less than 24 hours after the NXT Level application was complete, 14 containers of equipment, including refrigerators, freezer cases and shelving, were unloaded onto the new floor with forklifts. The team did not record a single crack or defect in the NXT Level despite immediate heavy traffic.

**Outcome**

The new supermarket opened its doors to the public after a nine month construction period in November 2017 and is considered to be among one of the best in the chain of stores.

Because of Concrete Genius’ success, Massy Stores made the decision to utilize LATICRETE products in all upcoming projects, including three stores in 2018.

“All of the contractors involved in the Massy Store project in Barbados were blown away by the quality of the LATICRETE floor leveling products, which allowed us to install a substrate without imperfections.”

— Ryan Ali, Installer