

University of Miami Dining Facilities

PROJECT OVERVIEW

MAPEI products provided a total solution for the renovation of the Hurricane Food Court and the Hecht-Stanford Dining Hall at the University of Miami. After moisture mitigation and surface preparation were completed, a wide variety of wall and floor coverings were set with MAPEI's adhesives, mortars and grouts.



PROJECT INFORMATION

Project Category:	Institutional – University Dining Facilities
MAPEI Sales Rep:	Tyler Barton
Project Owner:	University of Miami
General Contractors:	JDL Warm Construction LLC and Terstep Construction Inc.
Architect:	Nvironment Architecture LLC
Distributor:	Carpet Cushions & Supplies
Floor-Covering Installer:	Certified Floorcovering Services, Inc.
Tile Installer:	Certified Floorcovering Services, Inc.
Surface Preparation:	Professional Surface Installations
Project Manager:	Brian Estes
Project Size:	200,000 sq. ft. (18 581 m ²)



MAPEI PRODUCTS USED

Surface Preparation

- Planiseal™ VS
- Primer T™
- Novoplan® 2 Plus
- Planipatch®
- Planipatch Plus™
- Mapelastix™ CI
- Mapelastix™ AquaDefense

Carpet, Vinyl and Wood Adhesives

- Ultrabond ECO® 360
- Ultrabond ECO 570
- Ultrabond ECO 575
- Ultrabond ECO 711
- Ultrabond ECO 810
- Ultrabond ECO 885
- Ultrabond ECO 985
- Ultrabond ECO 995

Mortars and Grouts

- Ultraflex™ 2
- Ultraflex LFT™
- Adesilex™ P10
- Type 1™
- Kerapoxy® CQ
- Keracaulk™ S and U
- Keracolor™ S and U
- Ultracolor® Plus



University of Miami Dining Facilities – Miami, FL, USA

MAPEI products used for renovation of University of Miami's dine-on-campus venues

When students returned to the University of Miami campus in the autumn of 2014, they found a bounty of healthy new dining choices. As part of the University of Miami's Dining Master Plan, the Hurricane Food Court in the Whitten University Center and the Hecht-Stanford Dining Hall had been totally renovated during the summer.

The dining hall was completely finished before the fall term began. It provides a restaurant-type experience with the focus on healthy foods. An athletic training table is also housed at Hecht-Stanford, providing a place for athletes to practice fitness through good nutrition.

The food court re-opened in August with some returning favorites, including Panda Express, Sushi Maki, and Subway. In addition, Pollo Tropical (a Caribbean-inspired grill) and Innovation Kitchen (a comfort-food eatery that also features a frozen yogurt bar) joined the lineup. Two new food venues – BUILT (custom burgers) and TOSSED (fresh fast food) – were constructed behind a demising wall during the fall term and introduced in January 2015.

MAPEI products at work on the jobsite

Nvironment Architecture designed a bright, lively look for each of the eateries in the Hurricane Food Court and the different serving stations at the Hecht-Stanford Dining Hall. The result was a complex and intriguing project for Certified Floorcovering Services (CFS) of Indianapolis, Indiana.

Project Manager Brian Estes ordered exotic wood, bamboo, carpet tile, luxury vinyl tile (LVT), athletic rubber flooring, woven vinyl tile, large-format porcelain and ceramic tile, mosaic tile, and glass tile and stone for the endeavor. He also ordered MAPEI adhesives, mortars and grouts to install the materials on the walls and floors of each food venue and the general seating areas.

Early on in the project, CFS measured water vapor emissions in the concrete substrates of the two buildings and found relative humidity (RH) readings of 97 to 99%, far above acceptable limits for installing floor coverings; as a result, CFS paired with Professional Surface Installations (PSI), a leading contractor in concrete-surface preparation and moisture mitigation.

PSI coated the floors with **Planiseal VS**, an epoxy coating that effectively stops moisture-related problems with concrete flooring. To cap the **Planiseal VS** and level the floors before the floor-covering installations, PSI first applied **Primer T** and then pumped **Novoplan 2 Plus** self-leveling underlayment.

CFS used **Mapelastick CI** for crack isolation where needed. **Planipatch** and **Planipatch Plus** were used where any small patches were needed, and bathroom walls

were waterproofed with **Mapelastick AquaDefense** membrane.

With dry, level and well-prepared substrates, the CFS crews were ready to install the vinyl, carpet and tile.

Hecht-Stanford Dining Hall

- Decathlon rubber flooring from Mats Inc. was installed in the weighing area of the athletic training table dining area, using **Ultrabond ECO 570** rubber-sports-flooring adhesive.
- For the main floor area of the athletic training table, Tandus "Jackson" carpet tile in gray/black was installed with **Ultrabond ECO 885** carpet tile adhesive. **Ultrabond ECO 885** was also used to place Interface plank carpet tile in the general seating area.
- Bolon woven vinyl tile in the "pantry" breakfast nook was set with **Ultrabond ECO 360** vinyl adhesive.
- The bamboo in the center of the general dining area and the engineered bamboo in all areas surrounding the carpet tiles were installed with MAPEI's **Ultrabond ECO 985** wood-flooring adhesive.
- Metropolitan Ceramics "Clear Tones" Puritan Gray quarry tile was set with **Ultraflex 2** mortar and grouted with **Kerapoxy CQ** premium epoxy grout with color-coated quartz.
- All floor tiles in the dining hall were set with gray **Ultraflex LFT** mortar, while the walls were set with white **Ultraflex LFT**.

- The floor tiles were grouted with **Keracolor S** sanded grout, including the white floor tile covering much of the seating area and the leveled stone tile surrounding the salad bar. The wall tiles were grouted with **Keracolor U** unsanded grout, including the mosaics on the restroom walls.

Hurricane Food Court

- Ultrabond ECO 360** was used to install the LVT and the vinyl plank.
- Ultrabond ECO 885** was used for the carpet tiles throughout the seating areas in the food court, including tiles set in a herringbone pattern in the area of the food court where Subway is located.
- The LVT in the Outtakes convenience store, as well as other LVT, were installed with **Ultrabond ECO 711** adhesive.
- The quarry tile in the food court was also installed with gray **Ultraflex 2** and grouted with **Kerapoxy CQ**. The wall tiles and floor tiles were installed

with **Ultraflex LFT** mortar, too. However, at the food court, grouting was performed with various colors of **Ultracolor Plus** premium sanded grout. Matching **Keracaulk S** sanded caulk was used on seams and expansion joints.

- The glass tiles used to form a backdrop for the "water bar" in the food court were set with MAPEI's **Adesilex P10** glass tile mortar and grouted with **Ultracolor Plus**.

"MAPEI worked very closely with us to make sure both CFS and PSI had quality product to keep the work rolling," Estes said. "With everyone working together and with a total installation system supplied from a single source, Certified Floorcovering Services and Professional Surface Installations were able to provide the University of Miami with a complete, guaranteed system."

