

STONHARD *Solutions*

Dunkin' Donuts Sees Stonhard Floors as Integral Component of Baking Operation



One of Dunkin' Donuts central processing locations has outstanding success with Stonhard seamless, ultra-durable urethane floor and easy to clean walls.

“Time to make the Donuts” – a memorable advertising campaign from the celebrated donut producer, Dunkin' Donuts lets Dunkin' Donuts customers know their stores are poised and ready to deliver delicious baked goods. These popular donut shops first opened in Quincy, Massachusetts in 1950. There are now more than 7,000 franchised Dunkin' Donuts worldwide serving more than 3 million customers per day.

The demands to maintain this large operation involve baking and manufacturing round the clock. This rigorous schedule creates continuous traffic and cleaning within Dunkin' Donuts Central Processing Locations, or C.P. L's. Large volumes of products are produced in these facilities daily and are then quickly shipped to the local Dunkin' Donuts shops.

In the winter of 2005, Dunkin' Donuts built a 40,000 square foot C.P.L in Canton, MA. It was agreed upon that the floors throughout the facility would be standardized through a national agreement with Stonhard, a world-leading manufacturer and installer of high-performance flooring. This agreement was made after Stonhard met with Dunkin' Donuts facility planners and then completed test patches in various locations delivering the requisite slip-resistance, cleanability and overall performance mandated by Dunkin' Donuts planners. This partnership between the companies remains in place for future Dunkin' Donuts facilities.

Many of the Dunkin' Donuts facilities used quarry tile prior to Stonhard floors. Quarry tile floors can present problems

in this type of environment including high maintenance and repair costs, accidents from slips and falls and sanitation issues due to the seams between the tiles. Facility planners knew they needed floors that could withstand everything from constant foot and equipment traffic to high-pressure wash-downs.

Stonhard brought its ultra-durable, liquid rich, seamless, urethane floor system Stonclad UT and Stonclad GS/HT4 products to the facility planners. Stonclad UT has seen mega success in the food industry due to its excellent chemical and abrasion resistance and its ability to withstand thermal cycling. The endurance of this floor eliminates high-maintenance costs and provides easier cleaning and maintenance procedures for years and years.

During operations large baking racks are pulled across floors throughout the facility. Moving the racks is smoother and quieter with Stonclad UT beneath the racks. Stonclad UT also holds up to the heavy impact and abrasion of the carts and racks as they are moved.

The floors in the facility are exposed to daily wash downs. This involves high temperatures with high-pressure equipment. The extreme heat along with pressure can cause damage to a floor, particularly over the course of time. Stonclad UT, however stands up to this daily cleaning procedure.

Daily wash down procedures coupled with heavy amounts of foot traffic makes slip resistance a serious concern. Stonclad UT in food environments offers texture to provide excellent

slip-resistance while still keeping maintenance minimal.

Dunkin Donuts was also searching for a durable yet cleanable wall surface. For years they labored to repair latex, water based epoxy coating systems and fiberglass reinforced plastic panels. Stonhard was able to satisfy Dunkin's requirements by utilizing a food grade, high solids epoxy coating (Stonglaze VSC) on the CMU block and a reinforced epoxy system (Stonglaze VSD) on sheetrock and cement board. Both systems are extremely durable and easy to clean.

The final critical issue on this project was timing. This project was completed ahead of schedule and installed in a two-part phase. This allowed equipment to be moved in and staged on one side of the building while Stonhard installation crews completed the rest of the work. The process then was flipped so the equipment could be placed on the new floor and set while the final stage of installation took place. All this led to a timely and well-planned installation throughout this facility.

Dunkin' Donuts is extremely pleased with these standardized details and successful final result. Stonhard provides a single source warranty covering both products and installation. This turnkey approach guarantees consistency on both product and service.



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The Stonhard Difference

Stonhard is a world-leading manufacturer and installer of high-performance polymer floor, wall and lining systems designed for tough commercial and industrial environments requiring protection against corrosion, impact, abrasion and continuous daily wear. We deliver long-lasting, high-performance systems for tough environments. We offer customized solutions to satisfy the most demanding design specifications and work with you directly from start to finish. You are protected with a single source warranty on both products and workmanship.