

**Hulen Mall
Fort Worth, Texas**

Project Profile



Flooring Renovation

Project Description:

Perform demolition and installation of new tile on a suspended slab concrete floor during the night at a fully functioning mall while maintaining daytime foot traffic.

ProSpec® Products Used:

- Feather Edge
- Level Set® 200
- Level Set® Primer
- Flex-Guard®
- Permalastic® Rapid
- ProColor Sanded Grout
- B-7000 Epoxy Mortar and Grout
- ProColor Caulk

Master Planner: General Growth Properties

Executive Architect: Craig Chinn

General Contractor: General CulpCo Construction

Flooring Contractor: Rheinschmidt Tile

Challenge

Hulen Mall needed existing tile removed, the concrete substrate repaired and new tile installed without interrupting shoppers during the day. More than 90,000 square feet of worn flooring was carefully upgraded at night with special attention given to controlling dust created in the process.

The Ultimate Time Crunch

The ProSpec® team's extensive technical consultation and rapid-return-to-service products made this time-sensitive project possible. Edging out intense competition from other tile-setting material suppliers, ProSpec® delivered a prime solution backed with an impressive 20-year warranty.

Project Technical Specifications

- Primer:
ProSpec® Level Set® Primer
- Self-Leveling Underlayment:
ProSpec® Level Set® 200
- Patching:
ProSpec® Feather Edge
- Tile Installation Materials:
 - ProSpec® Permalastic® Rapid
 - ProSpec® ProColor Sanded Grout
 - ProSpec® B-7000 Epoxy Mortar and Grout
 - ProSpec® ProColor Tile & Grout Caulk
- Total square footage installed:
90,000 square feet

Solution

Once the floors were shot blasted and leveled with ProSpec® Level Set® 200, a fiber reinforced leveler, a thin coating of ProSpec® Feather Edge was used in areas where the existing concrete slab needed less severe repairs. The high polymer formula of Feather Edge provided the bond strength and flexibility needed for repairing patches on the suspended slab concrete floor with minimal dust.

ProSpec® Permalastic® Rapid, a highly polymer-modified cementitious mortar, was chosen for the suspended concrete slab floor for its high flexural strength, elongation characteristics and superior bond. This user-friendly mortar helps with crack isolation and resists delamination caused by years of vibration inherent with suspended concrete slab floors. Plus, ProSpec®

Permalastic® Rapid proved to be an ideal mortar to set the tile at night and allow next-day traffic.

Durable ProSpec® ProColor Sanded Grout was installed the following night with minimal disruption to the mall's retailers and shoppers. ProSpec® B-7000 Epoxy Mortar and Grout was mixed with our ProColor® Sanded Grout in entrance areas and our caulk was used for perimeter edges.



Permalastic® Rapid - creamy texture allows for ease of application and maximum coverage.



ProColor Sanded Grout - smooth easy application.

