



CONN'S HOME PLUS CENTER

Project Type:

Retail (Home Center)

Application:

Polishable concrete overlay

Locations:

Killeen, TX and Portsmouth, VA

Project Dates:

TX: Dec 11, 2017 – Jan 4, 2018

VA: Aug 5-10, 2018

Project Size:

TX: 29,800 sq. ft.

VA: 24,000 sq. ft.

Project Owner:

Conn's Inc.

Contractor:

QuestMark

Products:

TX: Rapid Set TRU® PC Polished Concrete, TXP™ Fast Epoxy Primer

VA: Rapid Set® Acrylic Primer, LevelFlor®, TRU® PC Polished Concrete, TXP™ Fast Epoxy Primer

Conn's Inc., a specialty retailer of furniture, mattresses, home appliances and consumer electronics, is expanding its presence by opening new stores in several states, including Virginia and its home state of Texas.

For the new 45,000 square foot store in Killeen, TX, QuestMark was contracted to install nearly 30,000 square feet of stained, polished concrete overlay flooring. Work included performing mechanical surface prep (grinding) and then applying TXP™ Fast to prevent pinholes and ensure a strong adhesive grip between the topping and the substrate. Next, the contractor mixed TRU® PC with water via hippo mixer and applied the overlay material with a TRU® PC spiked roller to release any trapped air and provide a smooth, level finish. The crew diamond-polished the floor to an 800-grit finish.

In the new Virginia location, near the front of the store, part of the 24,000 square foot substrate was 1/2 to 3 inches lower than the rest of the floor. To make the floor level, QuestMark first primed the lower area with Acrylic Primer then applied LevelFlor® self-leveling underlayment to build it up.

Once the substrate was level, the contractor applied TXP™ Fast to the entire 24,000 square feet to prevent pinholes and create a strong adhesive grip for the topping. Workers applied the primer by squeegee and then back-rolled to achieve a uniform thickness of 12 mils (0.3 mm). Next, the crew mixed TRU® PC Polished Concrete via Hippo mixers, placed it at 3/8-inch thick, and finished with a spiked roller to release any trapped air and a smoother to provide a smooth, level surface.

In both jobs, grinding was able to start the next day.