



Amazing Results

Category:

Retail/Major Sporting Goods

Project:

Install a two-coat clear floor coating at newest store location with 8,000/SF

Situation:

The concrete was highly polished, very hard, and unexpectedly had fibers infused all through the material.

Constraints:

Complete project in time for grand opening of store (3weeks)

Vikon Solution:

Vikon's zero VOC, zero Solvents, 100% solids Vikote series

Prep:

Diamond grinding the poured concrete on-grade

Set Backs:

The on-grade slab was poured some months before and should have dissipated the moisture enough for our products to achieve the correct adhesion. That was not the case. Attempts to "open" the concrete slab using 30 grit diamond grinders were hampered by the nylon fibers which fouled the diamonds almost immediately because they melted to the pads. To make matters worse, the substrate came off looking like a tennis ball once treated.

Innovation:

Treated the concrete with an emulsifying solution while grinding and burnishing the fibers that rose through the process. Independent ASTM tests for hydrostatic pressure revealed that the slab was subjected to 8.4 LBS per 1,000 SF/24hours of hydrostatic pressure when any conventional coating would fail at 3.4 LBS of hydrostatic pressure.

Installation:

Our groundbreaking and "job saving" Vikote Polyurea primer formulation, which in addition to being an eco-friendly coating, is able to withstand hydro pressure up to 12lbs per 1,000 SF/24hours.

Results:

Satisfied customer that now has a high performance, highly decorative, (the floor highlights the "Olive" hue of the substrate as seen in these photos) low maintenance floor delivered in time for the grand opening! Innovative Formulations – Outstanding Technical Support – Excellent Execution. That Matters!

