

SCHÖNOX | CASE STUDY: TARGET STORE IN WASHINGTON HEIGHTS NYC

Project Name: Target in Washington Heights
Project Location: New York City, NY
Contractor: Excel Flooring
Existing Substrate: Fire-Treated Plywood
Products Used: Schönox Renotex® 3D, RS 50, AP Rapid Plus



Target's 11th store in Manhattan planned for the Washington Heights area faced two potentially show-stopping subfloor challenges. First, the 25,000 square foot floor space was covered with plywood resistant to bonding with subfloor materials. Second, engineers imposed weight limits on the materials to be used to level the store's substrate. A number of subfloor material makers were consulted before Schönox without answers to these significant challenges. Both issues stood in the way of the needed leveling of the subfloor's high and low areas as well as preparation of the surface to receive LVT coverings. Schönox worked with Excel Flooring, developing a project plan to address subfloor bonding and weight issues.

Existing Substrate



Fire-treated plywood covered the space, providing a surface which met code requirements, but one with bonding issues for subfloor materials.



The store's second-story position in an older structure presented an outstanding location for Target, but one where engineers limited the weight of subfloor materials used in the space.

Plan



Schönox Renotex® 3D, multi-dimensional fiber reinforcement fabric, paired with Schönox AP Rapid Plus, hybrid active-dry based self-leveling compound, provided the solutions for the project with its floating subfloor system.

Preparation



The fire-treated plywood was left in place. High strength, but also lightweight, extruded polystyrene insulation panels were placed in the low spots across the subfloor.

Leveling



Schönox Renotex® 3D was rolled in place, acting as a decoupling layer eliminating any issues with adherence to the plywood or insulation panels.



Poured to a depth of at least ½", Schönox AP Rapid Plus moved and self-leveled across the Renotex® 3D fabric.

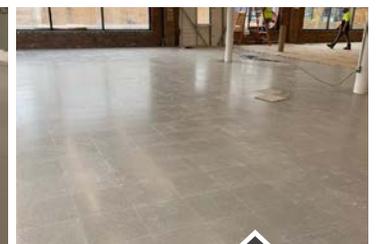


Schönox AP Rapid Plus's hybrid active-dry technology allowed the leveler to dry independently of job site temperature and humidity conditions.



Ready for foot traffic in 2 to 3 hours and floor covering in 16 hours at the ½" depth, Schönox AP Rapid Plus provided a smooth, strong surface ready for LVT adhesive.

Renovated Subfloor – Going from Here to There



From fire-treated plywood with bonding issues and subfloor weight restrictions to a floating subfloor construction using Schönox AP Rapid Plus over Renotex® 3D and an LVT top surface.

Take your business to a whole new level. Call 855.391.2649 or visit hpsubfloors.com to learn how your projects run smoother with Schönox On It.

