

# SCHÖNOX | CASE STUDY: BURDETTE HARDWARE BUILDING

**Project Name:** Burdette Hardware Building

**Project Location:** Simpsonville, SC

**Contractor:** Bonitz

**Existing Substrate:** Original wood plank flooring. Planks removed, planed, and reinstalled but not acceptable for food preparation and wet areas.

**Products Used:** Schönox RS 50 Foam Tape, Renotex® 3D, and AP Rapid Plus

Preserving history while also allowing historic structures to find new life and uses can present challenges. In Simpsonville, South Carolina, the Burdette Hardware building, which opened in 1899, underwent an exciting transformation. The historic property has become Burdette Central, welcoming an eclectic mix of businesses, including 1885 Taproom, a new bar with an old soul, focused on respecting the building's history while making some new. Renovation and historic preservation plans called for the reuse of the original wood plank flooring throughout the landmark property. While full of character and years, the wood flooring was not ideal for certain areas within 1885 Taproom, such as the kitchen and behind-the-bar spaces. Some additional planning and an innovative subfloor system were needed – enter Bonitz, William M. Bird, and Schönox.



## Existing Substrate



10 mil poly sheeting is installed atop the historic wood planks to be preserved and undisturbed.

## Preparation: Schönox RS 50 Foam Tape



Fitted around the wall surfaces, Schönox RS 50 Foam Tape contains the self-leveling compound to be poured across the surface.

## Renotex® 3D Reinforcement Fabric



Industrial sheers are used rather than a straight edge to cut the Renotex® 3D reinforcement fabric around the project perimeter, damaging the Foam Tape's seal against the RS 50 Foam Tape.

## Leveling: Schönox AP Rapid Plus



Schönox AP Rapid Plus, a hybrid active-dry technology-based self-leveling compound, is staged and used inside the job site. Its dust-reduced properties enhance air quality for interior mixing.



The use of a smoothing trowel rather than a leveling trowel prevents the tool from catching on the Schönox Renotex® 3D fabric below the self-leveling compound.



A smoothing trowel distributes Schönox AP Rapid Plus across the Renotex® 3D, allowing the compound to penetrate the fabric thoroughly.

## Renovated Subfloor – Going from Here to There



The dual project objectives of a smooth, strong subfloor decoupled from the historic wood planks beneath were accomplished with the Schönox Renotex® 3D system, allowing both renovation and preservation of the newly re-purposed Burdette Hardware Building.

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