

SCHÖNOX | CASE STUDY: AUTUMN RIDGE APARTMENTS

Project Name: Autumn Ridge Apartments
Project Location: Raleigh, NC
Contractor: Redi Carpet
Existing Substrate: Ordinary gypsum
Products Used: Schönnox VD and APF
Flooring Product: Carpet and Sheet Vinyl



Autumn Ridge Clubhouse and Apartment Homes in Raleigh, NC is nestled in a wooded setting offering residents a peaceful lifestyle and relaxing atmosphere with proximity to a growing metropolitan area. It is one of the first multi-family buildings in Raleigh to have its existing ordinary gypsum subfloors leveled with Schönnox APF, an innovative fast-setting underlayment.

Existing Substrate



Years of tenant wear have left the subfloors unstable with large amounts of flex that can be felt when traversed.



If not addressed, the subfloors will deteriorate over time becoming more unstable.

Preparation



Gauge rakes are used to measure the product depth and help spread the material quickly.

Priming: Schönnox VD



Porcupine rollers are an excellent tool to use in between bucket pours to break the surface tension of the product.



After only 10 minutes of drying time, the subfloors are ready to be leveled quickly and efficiently with Schönnox APF, synthetic gypsum, fiber-reinforced, self-leveling compound.

Leveling: Schönnox APF



The embedded fibers in APF work together to provide extraordinary reinforcement and tensile strength.



APF sets quickly and hardens to a compressive strength of 6200 psi exceeding today's new flooring manufacturer psi requirements.

Renovated Subfloor – Going from Here to There



Schönnox APF dries smooth without cracking or shrinking. Flat, level subfloors are crucial in today's flooring market to ensure great looking floor installations.