

Featured Application: September 2017

NordHaus Luxury Apartments Minneapolis, Minnesota

The **NordHaus Luxury Apartments** sit on 3.2 acres just east of the Mississippi River in Downtown Minneapolis. This 75-million-dollar project broke ground in August 2016. Tenants began moving into its 20-story tower and six-story mid-rise structure in September of 2017 and the entire structure is scheduled for completion in 2018. The apartments will include a wide range of amenities, including quartz countertops, in-unit washer and dryers, and stainless steel appliances. In addition to the living space, NordHaus was designed to have retail space, a restaurant, heated parking spaces and achieve LEED certification. The highlight of the building is the one-acre outdoor pool deck with grilling stations, dining areas and a year-round hot tub.

Project developer, Weis Builders, chose **KMAC, Inc.** to install the floor underlayments and sound control mats needed to achieve the IIC and STC sound ratings that luxury apartments demand. In the mid-rise structure, KMAC installed 105,000 sq. ft. of **FIRM-FILL® High Strength** Gypsum Underlayment and 60,000 sq. ft. of **FIRM-FILL® SCM-250** sound control mat. FIRM-FILL® SCM® is installed on the subfloor to improve impact noise, while FIRM-FILL® gypsum underlayments are installed over the SCM to dampen airborne sound and provide a flat surface for finished floor coverings. For this project, the flooring used is ceramic tile and wood-style flooring. FIRM-FILL® products are listed in 116 fire rated designs and carry a Class-A fire rating under ASTM E84, a test used by regulatory agencies.



KMAC, Inc., a licensed applicator of Hacker Industries, inc., was established in 1934 as a general contractor. Throughout their years in business, KMAC has done a variety of commercial, industrial, and multi-family building projects for small, medium and Fortune 500 Companies in five states across the upper Midwest. 28 years ago, KMAC expanded their market offering to include FIRM-FILL® Gypsum Concrete Underlayments and FIRM-FILL® Sound Control Mats which come in a variety of strengths and types.

KMAC's proud history is based on the timeless beliefs that quality and integrity are the most important aspects to any business growth. KMAC is proud to say they continue to live up to these traditions and strive to provide the best service possible to their customers.

FIRM-FILL® High Strength is a solid, cost-effective solution for producing a durable, firm surface for finished floor coverings. With ratings ranging from 2500 to 3800psi, High Strength can also correct concrete problems in light commercial, renovation and repair projects.

FIRM-FILL® SCM-250 is a cost-effective solution to address STC/IIC requirements in multi-family construction. Tested by independent, third party test facilities, this 1/4" (6 mm) sound control mat is proven to increase IIC levels in wood frame



Job Highlights	
General Contractor:	Weis Builders
Applicator:	KMAC, Inc.
Project:	NordHaus Luxury Apartments
Assembly:	OSB and Concrete
Application:	FIRM-FILL® High Strength and SCM-250
Square Feet:	105,000 of High Strength 60,000 of SCM-250