

# Case Study

## The Art Institute of Chicago Museum

**Project Name:** The Art Institute of Chicago

**Project Location:** Chicago, IL

**Contractor:** Mr. David's Flooring International, Ltd.

**Existing Substrate:** Concrete with asbestos adhesive

**Products Used:** Schönnox SHP and AP

Established in 1879 and at its present location in Chicago since 1893, the Art Institute of Chicago encompasses one million square feet of floor space. The Institute has a broad collection of Impressionist and Post-Impressionist art as well as American art, Old Masters, decorative art, modern, and contemporary art. Located in Chicago's Grant Park, the facility is a landmark not only in the city, but nationwide attracting 1.9 million visitors annually.

Any renovation completed within the Institute must adhere to the highest standards. The Bahr Company, with its corporate office in Romeoville, IL and an architect and designer showroom in Chicago, supplied the subfloor products needed for the project. With over 40 years of flooring installation experience and a reputation for integrity, craftsmanship, and sustainability, Mr. David's Flooring International, Ltd. was chosen for this important project. Schönnox products were used to renovate and prepare the subfloor.



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### Existing Substrate



The prior floor covering was removed leaving the exposed concrete and residual cutback adhesive.



The depth of the dents and imperfections in the substrate can be seen more clearly just after the primer has been applied.

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### Priming: Schönnox SHP



Schönnox SHP, special acrylic primer, is applied from a standing position with a low nap roller.



SHP has no VOCs and conforms to SCAQMD low emission standards making its application, even in tight spaces, a low odor process.



Priming reduces absorption by the substrate, protects sensitive subfloors, binds residual dust, and improves adhesion of the leveling compound.



Schönnox SHP is ideal for use on interior non porous substrates drying in only 1 to 2 hours.

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### Leveling: Schönnox AP



Special dust-reduced properties within Schönnox AP, synthetic gypsum self-leveling compound, allow the product to be mixed inside the facility with a minimal amount of dust.



Portable mixing systems allow the efficient preparation of AP product and easy transport to the pour area.



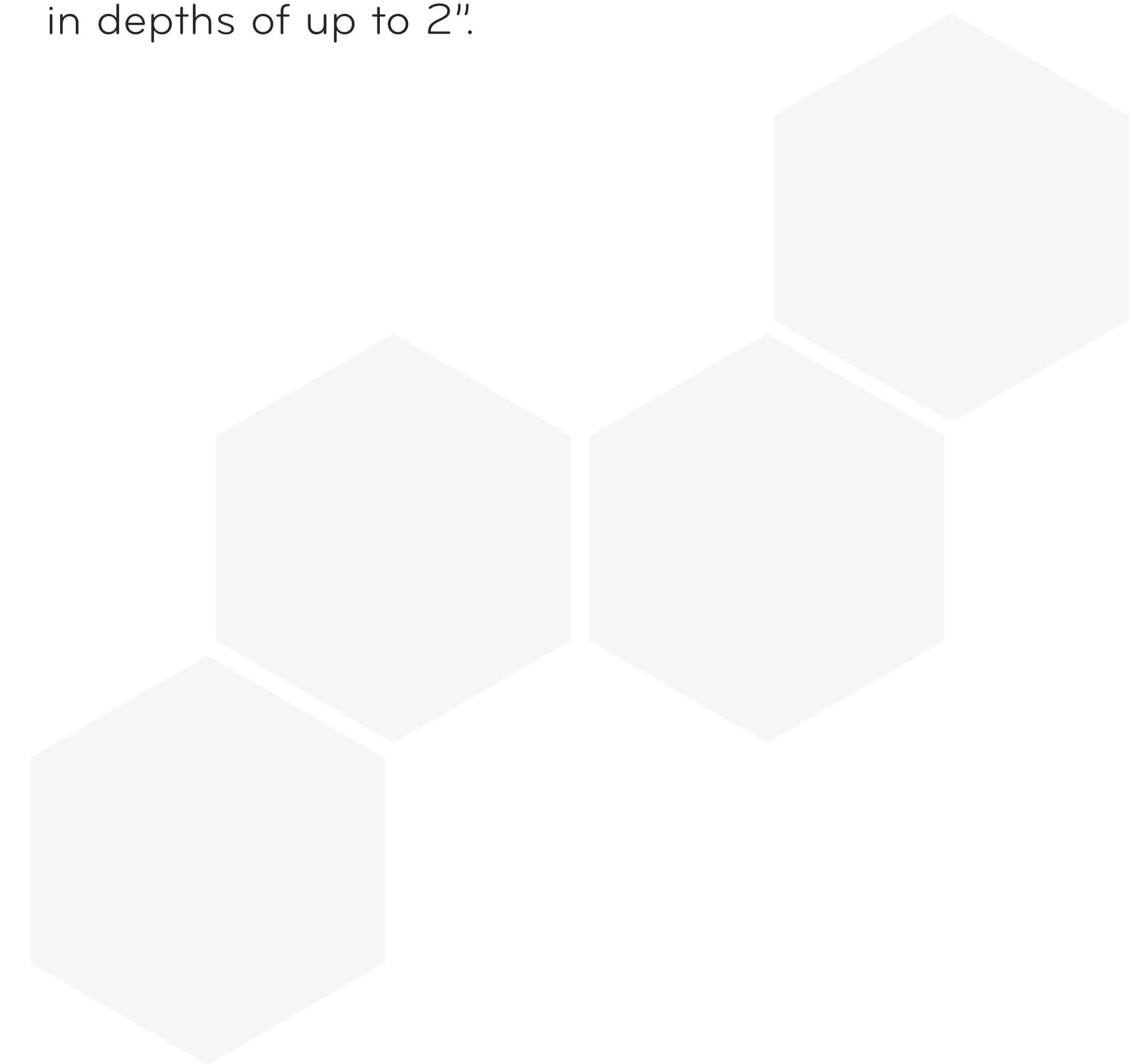
AP is ideal for renovation projects, installable in depths of up to 2".



Schönnox AP is used to level the entire renovation area. Synthetic gypsum is made from the by-product of the process used to purify emissions from power plants making the use of AP a strong environmental choice that contributes to LEED credits.



Trowels with extension poles are used to more quickly distribute the leveling compound throughout the renovation space.



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### Going from Here to There – Renovated Subfloor



Professional installers know that any final flooring installation is only as good as the subfloor beneath it. Schönox AP provides a smooth, strong subfloor filling in all imperfections leaving a surface ready for a high quality floor covering installation.