

Case Study

Cincinnati Children's Healthcare Space

Project Name: Cincinnati Children's Renovation

Project Location: Mason, Ohio

Architect: GBBN Architects

Designer: Amy Mees with GBBN Architects

Contractor: AIC Contracting, Inc.

Existing Substrate: Old, uneven concrete

Products Used: Schönnox VD and AP

Flooring Product: Mannington LVT Wood Plank

US News and World Report ranked Cincinnati Children's as one of the nation's top three pediatric hospitals. Leading research and healthcare service make this facility a resource for those in the region and around the world, but also for other medical providers when a complex pediatric surgical procedure is required.



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Existing Substrate



The existing concrete was uneven and in need of repair and leveling.

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Preparation

The subfloor is vacuumed to remove any loose pieces, debris, and dust.



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Priming: Schönnox VD



Schönnox VD is a universal acrylic primer for use prior to applying Schönnox underlayments.



The universal primer can be used on both porous and non-porous substrates.



Schönnox VD is applied using a 3/8" nap roller.



Schönnox VD has 0g/l VOCs and meets SCAQMD standards.

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Mixing Product



Schönox AP, synthetic gypsum self-leveling compound, meets the highest level of air quality standards with very low emission levels helping to ensure against indoor air pollution. Unlike typical cement leveling compounds, AP releases limited amounts of dust particles when mixed keeping the air cleaner and safer in healthcare environments.

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Schönox AP is Applied



Schönox AP is a superior alternative to traditional grind and fill processes.



High polymer content gives Schönox AP excellent self-leveling capabilities and flow characteristics with minimal installation time ensuring smooth, flat subfloors.

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Renovated Subfloor by Schönnox



Schönnox AP dries very smooth and extremely strong at 5400 psi with no shrinking or cracking.