

Blackhawk Technical College

Sophros Nitria™ Rubber & Flex Nitria™ Rubber Flooring



Product: Sophros

Material: Nitria

Industry: Education

Location: Janesville, WI

Photography: Jared Lightning Henn

Blackhawk Technical College's new Public Safety Center in Janesville, Wisconsin, brings specialized education, training, and wellness together in a 75,000-square-foot facility serving students preparing for careers in law enforcement and emergency services. Part of the college's larger Public Safety + Transportation Complex, the building includes specialized labs and classrooms, simulation and training areas, a fitness center, and an indoor walking track.

Zandur flooring is used across several distinctly different environments, demonstrating how performance requirements can change within a single project. Sophros™ provides a durable, low-maintenance surface for technical labs and learning spaces, while Flex™ creates a bold blue indoor track designed for active use. In the weight-training area, the flooring provides the added durability and impact performance required around heavy fitness equipment.

Together, the applications show the versatility of rubber flooring in education—from highly technical instructional spaces to fitness and movement. Consistent performance, comfort underfoot, slip resistance, and easy maintenance help support a facility designed for hands-on learning and years of intensive use.

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Nitria Benefits

Slip Resistant

Nitria flooring provides excellent slip resistance, supporting confident movement in demanding commercial environments.

Low Reflectivity

A matte, low-glare surface minimizes distracting reflections and supports visual comfort, particularly in healthcare, senior living, education, and other environments where glare can be a concern.

Durable

Nitria flooring is engineered for demanding commercial use, with color and pattern extending throughout the product to help maintain its appearance over years of service. Zandur Nitria flooring is backed by a 20-year wear-through warranty.

Acoustically Beneficial

The inherent resilience of Nitria rubber helps reduce the sound of foot traffic and contributes to more comfortable interior environments. Acoustic performance varies by product construction and thickness.

Comfortable Underfoot

Nitria combines resilience with underfoot comfort, creating a surface that feels warmer and more forgiving than many hard flooring materials and can help reduce fatigue in spaces where people stand or walk for extended periods.

Easy to Maintain

Nitria is designed for simplified care without the heavy initial maintenance associated with traditional rubber flooring. Routine cleaning can be performed with damp mopping or an auto-scrubber and appropriate mild cleaners, without the need for harsh chemicals or routine finishes.

Low Life-Cycle Cost

Long service life, simplified maintenance, and reduced need for finishes help lower costs over the life of the floor while reducing the disruption associated with intensive maintenance and premature replacement.

Healthier Material Chemistry

Nitria is PVC-free and plasticizer-free, with low-VOC emissions and Declare LBC Red List Free material transparency. Its cleaner material chemistry supports healthier indoor environments without compromising commercial performance.