



PROJECT:

Yuba City College Gymnasium Floor

Yuba City, CA

FLOORING SYSTEM:

Action PowerChannel

CONTRACTOR:

Merit Floor Care

Stockton, CA

ACTION REPS:

Ron Fenhaus &
Matthew Lyman

Action needed:

When Yuba City College (CA) planned to remove and replace its old gymnasium wood floor, nobody expected what would be found beneath the old surface. The project called for the installation of an EN Certified, Action PowerChannel solid maple anchored athletic floor — a high-performance system with engineered sleepers, 100% natural rubber pads and $\frac{3}{4}$ " plywood deck. The PowerChannel system usually requires a slab depression of $2\text{--}\frac{7}{8}$ ".

Upon removing the existing flooring, instead of the anticipated 3" depression, a depression measuring $5\text{--}\frac{1}{2}$ " to 7" was discovered. Further, in bathtub fashion, the slab had sloping sides and a shallow end sloping to a deeper end. Industry standards for wood athletic flooring call for a concrete slab with less than $\frac{1}{8}$ " variance in a 10-foot diameter. The flooring contractor (Merit Floor Care of Stockton, CA) — and the college — had a problem: the scope of the project had changed significantly.

Action taken:

Merit Floor Care turned to Action Floor Systems for a workable, cost-effective solution. Ron Fenhaus, Action VP of Sales and Matthew Lyman, Action West Coast Sales Manager had seen this situation before, a common occurrence in the Los Angeles area. Action had already developed a method to accommodate a less-than-desirable slab.

The solution for the too-deep and uneven slab was a factory-assembled truss system to support the channels with a base attached to “blocks” every 16 inches. Throughout the industry, no other system designed for a poor slab is able to accommodate the needs of a high-performance floor like the PowerChannel. The only other option was cost-prohibitive: to cap the slab with a 3"-5" layer of cement.

“Before, you’d dribble a basketball and it would stop bouncing; it would just fall to the floor and die. With the new floor, we get a consistent ball bounce and a great floor to play on.”

— Coach Doug Cornelius, YCC

“When the gym was done, it became one of the premier places in the community and a beacon for other colleges. The new floors are all so improved.”

— Carey Lane, PE Professor, YCC

“I was impressed with the quality of the truss and building materials provided by Action Floor Systems.”

— Jonathan Summerfield, Merit Floor Care

