



HELPING BUILD STRONGER COMMUNITIES: BUILDING SOLUTIONS AND COMMITMENT

The Gordon Family YMCA is the largest state-of-the-art YMCA facility in the state of Washington. The organization believes a strong community can only be achieved when an investment is made in kids, health and neighbors. USG is committed to helping build stronger communities and helping the people and organizations that call those communities home. And that commitment is supported by providing building solutions that make projects like the Gordon Family YMCA sustainable for the long haul.

Located in the Pacific Northwest, Sumner, Washington is known for its rainy, wet climate — an ongoing challenge for builders to keep job sites dry and prevent floors from sinking over time, which was the case at the Gordon Family YMCA where a sunken slab needed to be fixed. During the project renovation, General Contractor, Adolfson Peterson Construction (AP), and subcontractor ComCrete, Inc. turned to USG's flooring solution to address the sunken slab. And as the slab was outside the scope of the original

plans, fixing it raised the possibility of a construction delay, which led to additional concerns.

ComCrete partnered with technical experts from USG and ALCORP Marketing, distribution partner of USG Levelrock® Brand products, to utilize a robust variety of products developed by USG that would meet the compressive strength requirements, seal the existing slab and provide fast drying/curing time in order to keep the project on schedule.

By using USG Durock™ Brand RH-100™ Moisture Vapor Reducer, USG Levelrock® Brand Acrylic Concrete Primer, USG Durock™ Brand Quik-Top™ Self-Leveling Underlayment, and USG Levelrock® Brand 3500 Floor Underlayments, ComCrete was able to address the moisture issues to prevent them from reoccurring and level the floors for the remainder of the build. They even completed the floor leveling scope of work in half the time, keeping the project on schedule and one step closer to putting the finishing touches on the Gordon Family YMCA.

THE GORDON FAMILY YMCA SUMNER WASHINGTON

USG PROJECT PROFILE

“YMCA brings leadership to our youth along with opportunity and diversity. These are the same characteristics that USG brings to the construction industry.”

MICHAEL JACKSON
Quality Control, ComCrete Inc.

KEY PRODUCTS

USG Durock™ Brand RH-100™ Moisture Vapor Reducer — A 100% solids epoxy coating specially formulated for interior use over concrete with high moisture and/or pH levels.

USG Levelrock® Brand Acrylic Concrete Primer — Multi-use, high-quality floor underlayment concentrate for priming and sealing interior concrete subfloors.

USG Durock™ Brand Quik-Top™ Self-Leveling Underlayment — Pre-sanded, self-leveling, cementitious underlayment with the highest compressive strength in the industry (7000 – 10,000 psi).

USG Levelrock® Brand 3500 Floor Underlayments — Superior performance for higher-traffic areas in light-commercial construction.

GORDON FAMILY YMCA FEATURES

- Aquatics Center
- Wellness Areas
- Multiple Gyms
- Arts Center
- Teen Center
- Community Room

LARGEST STATE-OF-THE ART
YMCA FACILITY IN THE STATE OF
WASHINGTON AT
110,000 SQ. FT.

20,000+



NUMBER OF PEOPLE FROM
EAST PIERCE COUNTY, WA
EXPECTED TO JOIN

HIGH MOISTURE
IN THE SOIL CAUSED
THE BUILDING TO
DROP **3 INCHES** IN
MULTIPLE LOCATIONS

SEVEN

TRUCKLOADS OF
USG DUROCK™
BRAND QUIK-TOP™
SELF-LEVELING
UNDERLAYMENT
SHIPPED TO THE
JOB SITE



“We recently put the finishing touches on the Gordon Family YMCA. USG really came through for us with a complete solution. The performance of their products helped make this project a huge success.”

HARRY SISSON

Project Manager
Adolfson Peterson Construction



GREATEST CHALLENGE

In the Pacific Northwest, digging down more than three feet will result in a hole filled with water due to high water tables. As a result, moisture in the foundation was the greatest concern for the project. USG partnered with ComCrete to provide a top-of-the-line moisture mitigation plan that resolved these issues with the project.

PRODUCT HIGHLIGHT

The floor sank by more than 3 in. and required leveling. Before **USG Durock™ Brand Quik-Top™ Self-Leveling Underlayment** could be installed, the high moisture content of the concrete slab (over 90%) had to be addressed with **USG Durock™ Brand RH-100™ Moisture Vapor Reducer**.



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