

CertainTeed
GlasRoc[®] BRAND
High Performance Exterior Sheathing

CASE STUDY: KALAHARI RESORT



Enhanced Glass Reinforced Gypsum Technology gave the Kalahari architect and contractor the assurance they needed that GlasRoc[®] Sheathing panels would not delaminate causing costly construction delays.



Project: Kalahari Resorts Kondos Phase 2
Location: Sandusky, Ohio
Application: Direct to metal studs - EIFS
Square footage: 180,000 sq. ft.
General Contractor: Rudolph Libbe, Walbridge, Ohio
Panel Contractor: OCP Contractors, Holland, Ohio
Architect: PLANNING, Design, Build, Inc.; Madison, Wisconsin

An African village is growing on the flat plains just south of the Lake Erie shore. The Kalahari Resort sprang to life in 2004 and three years later is doubling in size. This successful fusion of resort housing, water park and conference center uses an African theme to set itself apart from the surrounding amusement parks and lakeshore recreations. It is a sister facility to the immensely popular Kalahari Resort in The Dells, Wisconsin.

The second phase of this project adds 180,000 sq. ft. to the original building and is being built in only six months. Another brand of sheathing had been used on the original buildings, but when it came time to specify sheathing for this project the architect decided to open up the spec to include GlasRoc[®] Sheathing. The contractor eagerly made the switch since they had problems with falling panels on the first buildings.

Larry Stone, Architect at PLANNING, Design, Build, notes "The weather in the Sandusky, Ohio area can be pretty harsh with the lake effects off Lake Erie. A shell that can handle these conditions before the exterior finish is applied is crucial to the success of a project like this with such demanding timelines." He went on to explain, "There isn't a day to spare to go back and replace sheathing that fails. If GlasRoc[®] Sheathing wasn't trusted we couldn't simultaneously start the interior construction until the exterior finishes were complete. GlasRoc[®] Sheathing allows us to do this."

Bill Fisher, Superintendent for OCP Contractors who installed the panels, noted that another sheathing was used for the initial phase of the project and there were some problems with panels delaminating and falling off the building. He also told us "my installers love GlasRoc[®] Sheathing because it doesn't make their forearms feel like they've been stung by bees."

Terry Studer, Project Superintendent for Rudolph-Libbe was real concerned about the tight construction schedule. "With unpredictable Ohio weather and a big project to complete, we can't waste any time replacing fallen panels. GlasRoc[®] Sheathing panels were easy to get and have done their job by staying in place through some tough weather conditions."

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