

Titanium & Zirconium Mining Operation In Virginia Salvages Acid Containment Area With ENECRETE & CHEMCLAD XC

The following report was provided by ENECON Hampton Roads, our exclusive distributor based in Portsmouth, Virginia.

“These photos are of the 25’ x 30’ containment area where sulfuric acid is used to separate various materials from the rock and soil to obtain the titanium and zirconium that they sell.

The entire area was covered with over a foot of sand and, as you can see, the acid went through the existing coating system and severely damaged the underlying concrete. Groundwater was also seeping in through the outside walls of the containment area.

To complicate matters, this repair project had to be completed on schedule in just 4 days during a plant shutdown. The conventional approach of ripping out the existing concrete, pouring new slabs and walls and then coating these would have necessitated a one month shut-down which was out of the question. An “unconventional” solution was needed.

ENECRETE WP came to the rescue to stop the groundwater seepage, then ENECRETE DuraQuartz was utilized to rebuild the floors and pedestals.

The entire containment area was then sealed and protected against future attack with two coats of CHEMCLAD XC.

The plant manager was very happy with the results and commented, “when many companies would have walked away, ENECON met the challenge head-on and on budget and on schedule.”

This \$10,000+ project cost about one-third of the cost of a conventional approach and also saved a tremendous amount of downtime and aggravation.”

