

Fiberglass Containment Wall with Geomembrane Liner

Product Images



Description

Combined with a Geomembrane Liner floor, which simultaneously serves as a lining and transformer containment solution for non-impervious soils, the chance of oil escaping the containment structure decreases dramatically. The liner should be covered with at least six inches of cleaned washed stone, to protect the liner from UV rays and punctures when walking over the area. The stone provides some fire protection as well.

COMPOSOLITE panels are manufactured using a fire-retardant polyester resin system in a slate gray color.

Combined with a Geomembrane Liner floor, which simultaneously serves as a lining and transformer containment solution for non-impervious soils, creating a sized secondary containment system for the transformer. The liner should be covered with at least six inches of cleaned washed stone, to protect the liner from UV rays and punctures when walking over the area. The stone provides fire protection as well when stone levels are at least 12 inches above the final oil level elevation (IEEE 980, 7.1.1.4).

When challenged to create a transformer containment system that offers both aesthetic appeal as well as durability and efficiency, we partnered with Strongwell® Corporation to develop a solution that provides walls, floor, and drainage. Strongwell's COMPOSOLITE® fiberglass walls offer a sleek and affordable alternative to concrete. Strong and corrosion-resistant, they are easily installed and require little on-going maintenance.

Finally, for the system to function effectively, there must be a method to evacuate water from the transformer containment area. A drain should be installed in the lowest point of the containment area, to pipe rain and storm water to a vault approximately three to four feet outside of the walls. The vault houses an HFF Oil Stop Valve, which filters and processes waste water at a steady flow rate, and in the event of a significant oil discharge, will automatically shut off flow.

Specifications

SKU	fiberglass-containment-wall-with-geomembrane-liner
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