
SPS fibre FORM Modular Cabinet Enclosures

SPS fibre FORM manufacture and build a FRP modular building with FRP vacuum formed panel sections of 1', 1-1/2', 2', 2-1/2', 3' and 4' wide by up to 20' tall to be joined together by 2", 3", or 4" pultrusion formed square tubes. The vacuum formed panels have polyurethane insulation encapsulated inside in thickness available up to 3" thick, providing overall R values of up to R30. A solid vacuum formed roof also provides up to R30 protection.

Sections are assembled using stainless steel rivets and a RTV silicone seal providing a finished product which has a high strength to weight ratio, as well as a zero maintenance exterior. The exterior of each panel actual has a 20 mil gel coated surface as an integral part of the construction which contains an Ultra Violet block to prevent any resin degradation by the sunlight.

Construction methods use no wood or metal substrates, because the strength of the vacuum forming and pultruded posts negate the need for any extra strengthening. Wood and metal cause heat loss and future rotting problems which are not a consideration with the SPS fibre FORM design. It is important to preserve R values once calculated and designed for. SPS fibre FORM actually bulkhead out any insulation where the entrance and exiting points are for tubing, electrical, or other services. By taking these into account during the engineering stages, the walls are kept with the insulation encapsulated giving a constant R factor for the life of the building.

