



Fibreglass Transformer Bases Why Choose Us?

Structural Composite Technologies Ltd. (SCTL) is one of the longest-standing privately owned fibreglass fabricators in North America. Since 1961, we have been servicing electrical utility clients throughout Canada.

SCTL fibreglass utility products are engineered to meet our utility clients' requirements, including load durability and UV specifications.



FIBREGLASS UTILITY PADS - FEATURES & BENEFITS

Durable

Fibreglass pads are highly UV and weather resistant - not affected by sunlight, moisture or extreme temperatures

Corrosion Resistance

Resistant to a broad range of substances including chloride-ion, sulphate, salt water and soil

High Strength

Very high strength-to-weight ratio compared to concrete and metal

Customizable

Location and size of structural beams, sidewall configuration, cabinet cable opening location, colour, etc.

Lightweight

Fibreglass pad weighs up to 10-times less than a comparable concrete utility pad

Surface Finish

Boasts a level, smooth top surface and sidewalls

Shipping Efficiency

Low weight and the ability to stack units allows numerous pads to be transported in a single shipment

Easy Installation

Dig, level and place pad, coil wire in pad cavity, backfill pad, install utility box - it's that simple!

Low Electrical Conductivity

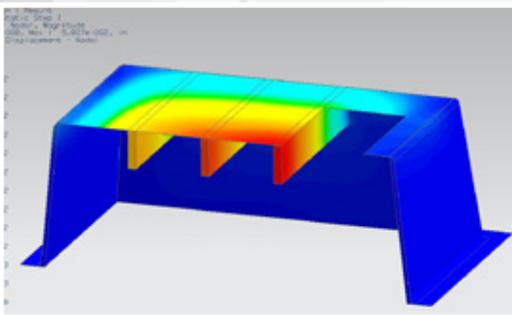
FRP is not electrically conductive

High EMI & RFI Transparency

Does not contribute to electromagnetic or radio frequency interference

Low Life Cycle Cost

Composite materials typically exhibit a very long service life and are virtually maintenance free





STRUCTURAL

Composite Technologies Ltd

Engineered for Excellence

Fibreglass Transformer Bases

1. Why use Structural Composite Technologies Fiberglass Transformer Pads over Concrete Pads

- Structural Composite Technologies Fiberglass Transformer Pads are resistant to a broad range of chemicals, including chloridelon, sulphate and salt water. They will not corrode like concrete, Structural Composite Technologies fiberglass transformer pads weigh up to 10 times less than concrete pads and do not require large equipment for installation.
- Structural Composite Technologies transformer pads have a large cavity which make them easy to stack and store saving thousands of dollars on shipping and storage costs
- Structural Composite Technologies Transformer pads use an exterior gel coat with a powerful UV inhibitor to ensure a glossy smooth outer finish that will stand up to weather elements for decades.
- Unless otherwise specified we use a "Sea Foam Green" gel coat which esthetically synchronizes with the surrounding environment, and the transformer.

2. Why use Structural Composite Technologies Fiberglass Transformer pads vs other Fiberglass Pad manufacturers

- Structural Composite Technologies fiberglass transformer pads start with a highly crafted state of the art female mold, which is sprayed with an exterior gel coat that has a powerful UV inhibitor , that produces a glossy smooth exterior that will stand up to the weather elements for decades
- Structural Composite Technologies fiberglass transformer pads uses the spray-up chop resin & glass distribution system, all surfaces are mil gauged at regular intervals to ensure consistency. This system will not allow glass fibers to surface and therefore will not result in print-through and moisture wicking, that can occur from some other FRP manufacturing processes.
- Each Structural Composite Technologies fiberglass transformer pad is Engineered to meet our specific load statements by our staff engineer. We can also add, remove or relocate reinforcement of any size mold to accommodate almost any loading scenario. Most other FRP manufacturing methods do not permit such versatility.