BCI
BASIC CONCEPTS INC
Justrite Safety Group

their safety is essential.
Protecting people, property, and the planet.

Geomembrane Liner with Barrier Boom Containment System

Connecting liner to concrete pad

Product Description:

The Basic Concepts (BCI) Geomembrane Liner with Barrier Boom Containment System provides site-specific engineered secondary containment for hydrocarbon filtration in sandy or undetermined subsoils. It is best suited for reliable containment of transformers (live and spare), tank storage, wind farms and solar fields. The system uses a patented filtration media that allows storm water to flow through the Barrier Boom panels while removing and capturing hydrocarbons. In the event of a spill, the Barrier Boom completely solidifies, preventing oil from migrating off site.

All BCI Geomembrane Liner with Barrier Boom Systems comply with SPCC 40 CFR 112.7 and IEEE Std. 980. Custom manufactured to the customer's engineered specifications, systems ship in sections, each marked to correspond to a site map, for easy assembly in the field. It comes with pre-formed corners for height consistency. Barrier Boom panels are pre-bonded to the Geomembrane Liner. Shipment includes all the products necessary for the installation. Systems install quickly and easily – usually in one to two days or less, without the need to deenergize equipment. Once installed, it typically requires minimal maintenance, depending on the type of install.

Product Applications:

- Passive, self-activating secondary containment system best suited for containment around the transformer, rather than the perimeter of the substation
- For both above- and below-grade installations
- Can support vehicle traffic or drive-over capabilities (if properly engineered)
- For a smaller footprint, use corrugated HDPE pipes to increase the void space

BCI
BASIC CONCEPTS INC
Justrite Safety Group

Increase void space with HDPE pipes

Liner installation around transformer

Covering liner with clean, washed stone

Performance Specifications:

- Water flow rate: Minimum 4 GPM per ft^2 of material with one foot head pressure
- Hydrocarbon flow rate: 0 GPM (100%+ containment)
- Solidifies approximately a half gallon of oil per ft^2 depending on type of oil, viscosity, and temperature
- Service life of installed product: Life of equipment it protects
- Oxidation resistance of 80%
- Base of liner composed of 22 or 40 oz. polyvinyl with pre-formed corners for height consistency

Benefits:

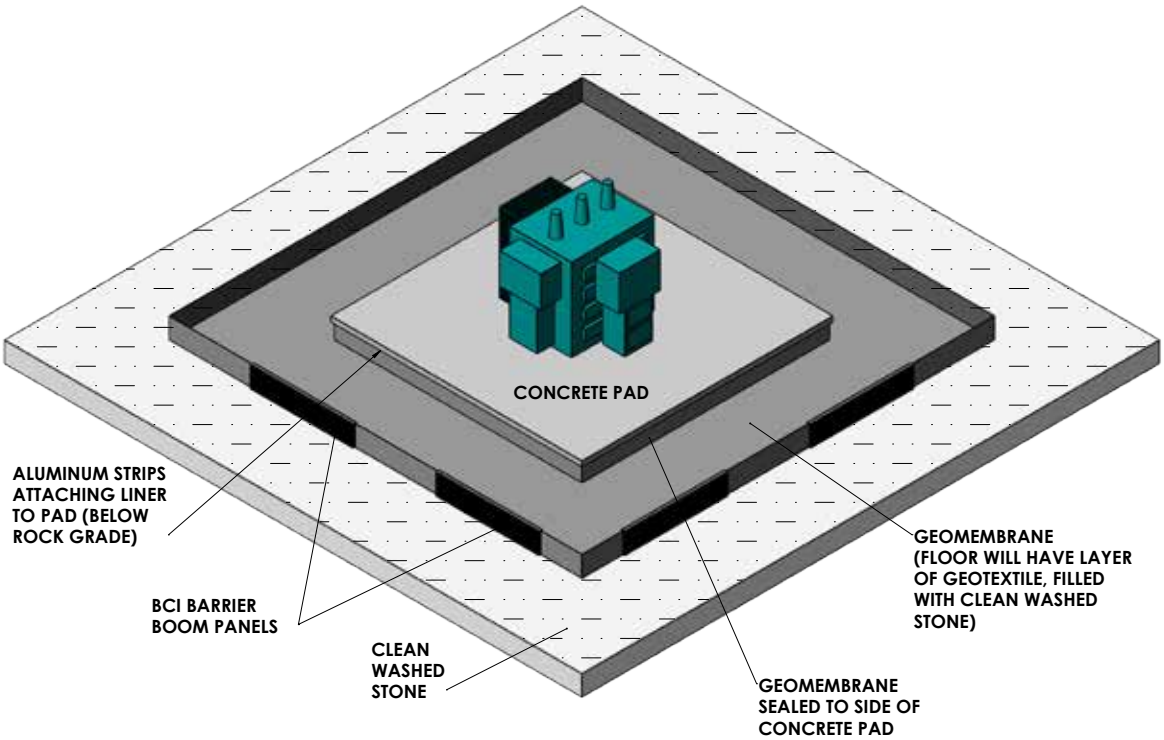
- Stops oil, flows water
- Evacuates rain water and run-off without valves, pumps, sumps or oil-water separators
- A bury and forget application requiring minimal maintenance
- Below-grade systems reduce the risk of transformer fires
- Cost-effective solution for secondary spill containment
- Custom made for site-specific application
- Quick installation of one or two days (depending on size of install)
- Equipment can remain energized during installation
- Made in the U.S.A. of U.S. and imported materials, pre-fabricated at the factory, and assembled on site
- All BCI secondary containment systems are backed by a $7 Million Dollar Product and Environmental Insurance Policy when installed according to the manufacturer's specifications and documented with photographs

BCI
BASIC CONCEPTS INC
Justrite Safety Group

Completed to-grade installation

Note:
BCI recommends laying a bed of washed pea stone (at least 6 inches) to provide a leach bed. It is recommended that a geotextile fabric be laid over the vinyl before covering with clean, washed and screened stone, size 0.75 to 1.5 inches, to prevent punctures in the vinyl during drive-overs.

For further information call 1-800-285-4203 or visit us online at BasicConcepts.com



BCI
BASIC CONCEPTS INC
Justrite Safety Group

Engineered Coatings & Containment Solutions

For further information call 1-800-285-4203 or visit us online at BasicConcepts.com

BCI is a portfolio company of Justrite Safety Group. Justrite Safety Group is a growing family of leading industrial safety companies. Together we protect workers, workplaces and the environment with a comprehensive range of industrial safety solutions. We cover every facet of the industrial safety landscape—from the storage, containment and clean-up of hazardous materials to safety identification, emergency showers, industrial matting, and motion safety.