

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

SC-3900 Containment Wall System

Basic Concepts (BCI) SC-3900 Containment Wall System is a fully-encapsulated wall system providing chemical and fuel resistant containment. Cinder blocks stacked atop each other and sprayed with SC-3900 industrial coating, seal instantly to form a wall. Known for its extreme strength, SC-3900 can withstand temperature fluctuations and surface movement, and is resistant to harsh environments.

SC-3900 coats smoothly and is tack free in seconds. Application thickness ranges from 40 to 80 mil. Once solid, it is 100 percent free of VOCs. Structurally inert to high UV exposure, and a rated temperature in use of negative 60 degrees and up to +250 degrees Fahrenheit. Its rapid cure time eliminates vulnerabilities to the weather, such as rain or other moisture.

To ensure SPCC-compliant oil spill protection, optional Barrier Boom or HFF passive drainage systems are available.

Applications

- Substation Containment Systems
- Fuel Tank Containment
- Fuel Retention Walls
- Storm Water Barrier Walls
- Drum Storage Area

Containment Wall Advantages

- PE stamped and approved designs
- Flexible design around equipment and supports
- Build directly over earthen substrates
- Long life expectancy
- Meets secondary fuel containment requirements
- Quick installation– 50-75% faster installations
- Engineered design available for unique/non-conforming applications
- Passive storm water control with oil leak protection options available
- ASTM E119 4-hour fire-resistance rated



Containment size and shape can be designed to meet site geographical requirements. Identify your containment structure with safety yellow markings.



Installations with our spray-applied technology are adaptable to field irregularities and far less affected by weather or other site contaminants.

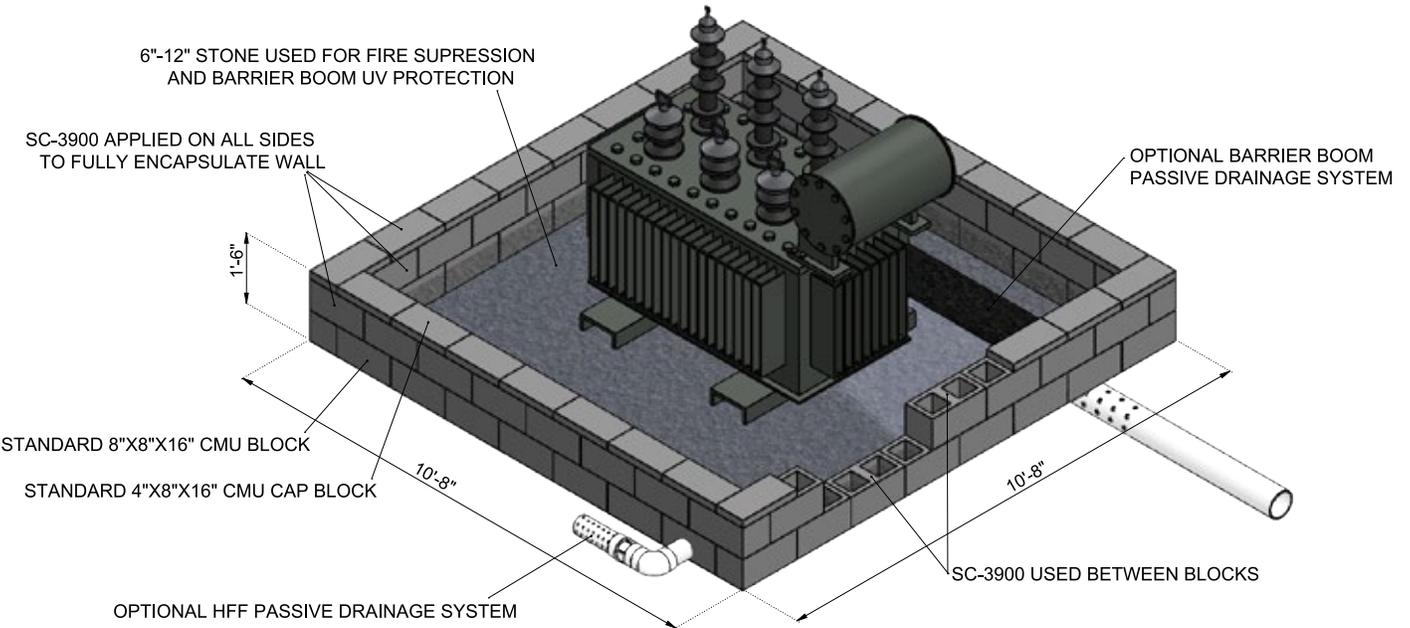


Easily seal around equipment and site penetrations.



Pre-fabricated panels with field-applied SC-3900 seaming and connections allow for faster installations.

For further info call 1-800-285-4203 or visit us online at basicconcepts.com



SC-3900 Coating Specifications

Typical Physical Properties	@ 70 mils ± 20 (1.7 mm)
Tensile Strength :: ASTM D 412-06a	>4250 psi (29.3 MPa)
Elongation :: ASTM D 412-06a	>350%
Hardness (Shore A) :: ASTM D2240	97 ± 5
Hardness (Shore D) :: ASTM D2240	47 ± 5
100% Modulus :: ASTM D412-06	>1250 psi ± 100 (8.6 MPa)
300% Modulus :: ASTM D412-06	>2300 psi ± 100 (15.8 MPa)
Tear Resistance :: ASTM D624	420 PLI ± 50 (73 KN/m)
Service (Exposure) Temperature	-60°F - +250°F (-50°C - +121°C)
Abrasion Resistance :: ASTM D4060 1000 g - 1000 cycles	CS-17 wheel 8.6 mg. lost: H-18 wheel 161 mg. lost H-22 wheel 136 mg. lost: 1 kg. 1000 rev.
Curing Schedule	Gel ± 6 sec.



Use optional HFF passive drainage system to ensure SPCC compliance.

Basic Concepts (BCI) is a portfolio company of Justrite Safety Group. Justrite Safety Group is a growing family of leading industrial safety companies offering the world's most comprehensive safety portfolio—from the storage, containment and clean-up of hazardous materials to emergency showers, industrial matting, motion safety, and facility identification products.