

The Ultimate Flexibility In Waterproofing System Design



Blindside Waterproofing

- Complete drainage composite coverage to the exterior of wall.
- Fully adhered waterproofing membrane to structural wall.
- Seamless detailing of transitions and penetrations.



Methane Barrier

- Multiple barriers.
- Seamless construction.
- Built in protection courses.



Tunnel / Underground Structures

- Complete enveloping of the structure.
- Redundant waterproofing barriers.
- Installed on green (uncured) concrete.



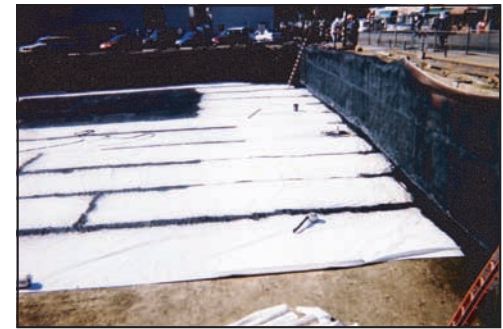
Deck & Between Slab

- Seamless waterproofing membrane (fully reinforced option).
- Provides an excellent substrate for grout and mortar beds.
- Drainage composites can be included.



ICF

- Redundant protection.
- Monolithic adhesion to the ICF.
- Full wall drainage.



Moisture Barrier

- Redundant waterproofing and protection courses.
- No sand layer required, concrete may be placed directly.
- Complete water and vapor protection.

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Product Description

Features & Benefits

Fluid Applied Membranes

ECOLINE-S is a low-viscosity, water-based, anionic bituminous asphalt emulsion modified with a blend of synthetic polymerized rubbers and special additives which provides a reactive and instant-build of a monolithic, highly flexible membrane.

ECOLINE-R is a medium viscosity, waterbased, polymer-modified, anionic bituminous asphalt emulsion which provides a waterproofing membrane with excellent cured characteristics.

ECOLINE-S or ECOLINE-R

- Water-based ... may be applied to green concrete, damp surfaces and lightweight forms.
- Excellent elongation and recovery ... can handle expansion and contraction as well as minor cracking.
- Exceptional bonding ... won't delaminate from surface even with ponded water.
- Spray or liquid applied ... creates a seamless membrane.
- Instant build ... allows application in inclement weather and eliminates shrinkage.

Geo-Membranes

ECOSHIELD-E10 or 15 is an extremely tough, high-strength geo-membrane made from a custom blend of polyethylene copolymers.

ECOSHIELD-PP is a laminated version of the polypropylene film and fabric geo-membrane which provides additional protection and provides a fabric surface for mortar and concrete to bond to.

ECOSHIELD-E or P

- High puncture resistance class B & A rating.
- Impermeable to water offers additional relief from hydrostatic water pressure and resistance to earth contaminants.
- Durable polyolefin and laminated construction is resistant to installation and backfill damage.
- Minimize seams with 12'x 120' and 10'x200' rolls.

Drainage Composite

ECODRAIN-E is an extruded lightweight three-dimensional, highly flexible HDPE core with a heat-bonded polypropylene filter fabric.

ECODRAIN-M is an extruded lightweight three-dimensional, highly flexible HDPE core without a heat-bonded polypropylene filter fabric.

ECODRAIN-S is an extruded three-dimensional, highly flexible polypropylene core with a heat bonded polypropylene fabric in various weights and widths.

ECODRAIN-DS is an extruded three-dimensional, flexible polystyrene core wrapped in heavy-duty non-woven polypropylene fabric.

ECOSHIELD-E or P

- HDPE or PP core provides: (1) resistance to chemical attack, (2) waterproofing barrier, (3) thermal resistance, and (4) flexibility to handle movement/cracks.
- Heat bonded geo-textile will not delaminate from core in warm temperatures.
- Dimple design eliminates hydrostatic water pressure.
- Larger widths provide minimal overlapping seams and cost effective installation.
- Wide range of core strengths and flow rates to handle every drainage need.

