

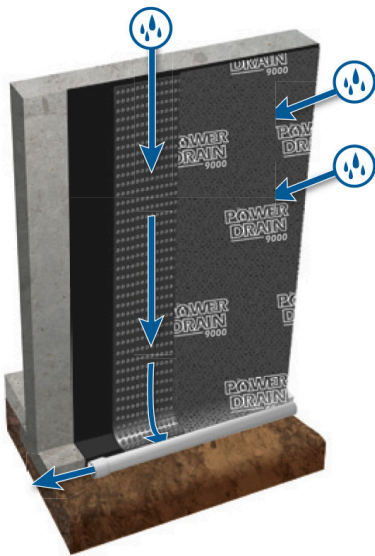
# POWER DRAIN™ 9000

## Product Information



CCMC Approved

POWER DRAIN™  
9000



### PRODUCT OVERVIEW

**PowerDrain™ 9000** is a heavy commercial geocomposite drainage mat designed to protect both foundation walls and concrete decks from the damaging effects of water and hydrostatic pressure.

PowerDrain 9000 geocomposite consists of a dimpled High Density Polyethylene (HDPE) core and a fully bonded, woven filter fabric. The dimpled HDPE core acts as a drainage plane that allows moisture from the soil to flow to the base of a foundation wall or nearest drain in roofing applications. The attached woven filter geotextile allows water to freely pass through it, while protecting against soil and other sediments entering and potentially clogging the drainage plane. When properly installed, PowerDrain 9000 creates a 10mm gap which relieves the hydrostatic pressure that would otherwise be acting on the foundation wall or concrete deck. With 18,000 PSF of compression strength PowerDrain 9000 is a better suited for heavy commercial applications than many of its competitors.

*Heavy Duty resistance while remaining lightweight and easy to install!*

### ENVIRONMENTAL IMPACT

PowerDrain 9000 is made of 99% recycled HDPE and after installation remains both non-toxic and non-polluting for the duration of its service life. As a result of its environmental friendliness, PowerDrain 9000 qualifies for LEED points.

### FEATURES

**PowerDrain™ 9000** is an integral part of effective:

- Underground Wall Construction
- Green/Garden Roofs
- Planter Boxes
- Parking Decks (Horizontal Application)

### PACKAGING

**PowerDrain™ 9000** is available in 8' X 50' (400 FT<sup>2</sup>) roll size. Other sizes may be available upon request. The **Isostud Strip** is an accessory to PowerDrain 9000. It is made of recycled polypropylene and comes in black. Isostud Strips are 2 3/8" wide x 6.5' long, and come in bundles of 50.

### Core Properties

| Core Properties      | ASTM Standard |
|----------------------|---------------|
| Compressive Strength | 18,000 PSF    |
| Thickness            | 10.16mm       |

### Geotextile Properties

| Geotextile Properties | ASTM Standard            |
|-----------------------|--------------------------|
| Geotextile Type       | Non-woven                |
| Permeability          | 145G/Min-FT <sup>2</sup> |
| Puncture Strength     | 117 LBS                  |
| AOS                   | 40 US Sieve              |
| Grab Tensile Strength | 350 LBS                  |

### Geocomposite Properties

|                                      |                 |        |
|--------------------------------------|-----------------|--------|
| Drain Flow Capacity @ 3,600 PSF, i:1 | 16.4 gal/min-ft | D-4716 |
|--------------------------------------|-----------------|--------|