

DRAIN-CRETE

Chaney Enterprises' Pervious Concrete



1-888-864-8102

ChaneyEnterprises.com/green



The economical and environmentally sound choice for stormwater management.

Use Drain-Crete for:

Parking lots	Patios
Driveways	Decks
Low volume streets	Golf cart paths
Sidewalks	

**Save Money.
Save Space.
Save the Environment.**

Drain-Crete can:

Lower Costs

Drain-Crete can greatly reduce both initial and long-term project costs. It reduces initial costs by eliminating the need for stormwater management systems that are expensive to construct and maintain.

Unlike asphalt, Drain-Crete is low maintenance, and has the same long life cycle as concrete—20–40 years. This means that in the long run you will save money on repairing and replacing your pavement.

Like other concrete pavements, Drain-Crete also reflects light better than darker pavements. This difference in reflectivity can mean more long-term savings: studies have found that using concrete pavements can cut lighting costs by up to 30%.

Save Space

Drain-Crete helps developers use land more efficiently. No runoff means no need for retention ponds, swales, storm sewers and other stormwater management devices.

As a result, space is preserved or made available for parking, green space, storefronts, homes and other uses.

Pervious concrete is one of the best management practices recommended by the EPA— and by other agencies and geotechnical engineers across the country—for managing stormwater runoff.

Protect the Environment

Drain-Crete is a pervious concrete mix—that means rain flows right through it into the soil. This means that it replenishes groundwater, eliminates runoff into local watersheds, and satisfies EPA regulatory requirements. But Drain-Crete's environmental advantages don't end there:

- Trees love it—it allows more air and water to get to their roots.
- Together with the underlying soil, it filters out water-borne pollutants.
- Drain-Crete reflects light and heat, so it reduces the heat island effect by decreasing ambient temperatures and the need for lighting.

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Photo courtesy of Bunyan Industries — The unique pervious concrete above was installed for the 2008 Summer Olympics in Beijing. Stamped concrete was used to create the light blue ring that encircles the logo.

FAQs

Where can Drain-Crete be used?

Drain-Crete is ideal for parking lots, driveways, walkways, patios, and residential roads. It can also be used for golf cart paths, inside greenhouses, and erosion control.

How strong is Drain-Crete?

Despite its permeability, it can achieve strengths in excess of 3500 psi and flexural strengths of more than 500 psi. That makes it stronger than porous asphalt and as strong as many conventional concrete mixes.

How much maintenance does a Drain-Crete pavement require?

Barring installation or design problems, it will last 20–40 years with little or no maintenance. In most locations, periodic vacuuming or pressure washing may be needed to remove surface debris.

How thick should Drain-Crete pavement be?

Pavement that doesn't get any vehicle traffic can be as thin as 4 inches. Pavement commonly used by vehicles as heavy as garbage trucks, delivery trucks or cargo vans should be 6–9 inches thick.

How about freeze-thaw issues?

A Drain-Crete pavement is 15%–25% air, so there's plenty of space for water to expand if it freezes. Drain-Crete should be placed on a drainable rock base to guard against saturation.

Can Drain-Crete be colored?

Yes, Drain-Crete can be any color you can imagine! It can also be paired with other forms of pavement, such as stamped concrete, to create unique designs and a customized stormwater management system.