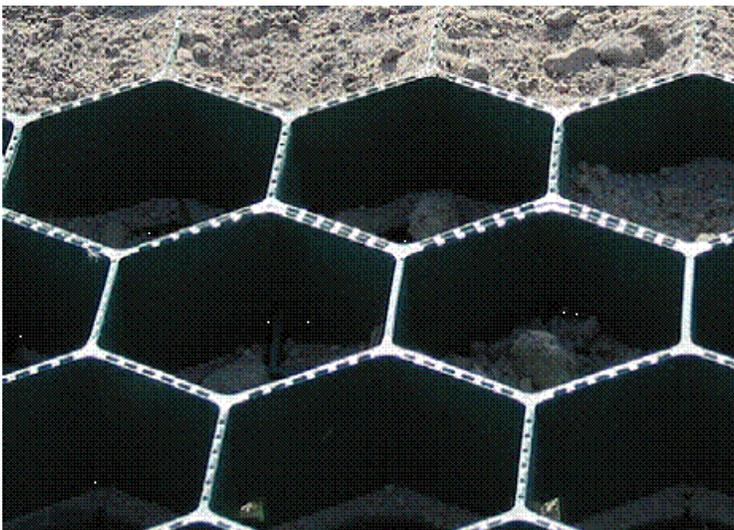




A SUSTAINABLE ALTERNATIVE TO PAVEMENT



PERVIOUS
PAVEMENT
SOLUTIONS
& SOIL
REINFORCING

www.cupolex.ca

PONTAROLO[®]
ENGINEERING 



The lakes, streams, rivers and ponds are becoming polluted.

Vehicle access ways or pavements such as roads, streets, driveways, lanes, residential and commercial parking lots, etc. are a major source of pollutants. Autos spend most of their time in parking lots and driveways, dripping the various petrochemical fuels, fluids and additives onto the pavement. When it rains, the pollutants are washed into the storm sewers and into our waterways. Pratex can provide the solution and is better for our lakes, rivers and streams because it is water-permeable. Unlike paved surfaces, it does not funnel rainfall into storm sewers. Instead, Pratex allows the passage of rainfall into the soil, where Mother Nature filters it naturally.

THE SUSTAINABLE ALTERNATIVE TO PAVEMENT

PRATEX[®] is an innovative evolution made from 100% recycled polyethylene to reduce pollution in our lakes, rivers and streams. PRATEX[®] is a pervious (water permeable), ecologically friendly, easy-to-install, environmentally sound alternative to asphalt, concrete, gravel, cobblestones, tree bark or peat moss, dirt, sod and other common types of groundcover. To comply with land use restrictions or an alternative to concrete or asphalt paving in your residential, institutional, or commercial properties, PRATEX[®] provides the solution.

PRATEX[®] provides pervious surface construction and its use may be exempt from many communities' construction restrictions. Such set-aside programs could make the construction project prohibitively expensive, unless PRATEX[®] is used instead of pavement.

There are many uses for PRATEX[®]

- Driveways
- Lawn areas next to driveways and roads, for temporary parking
- Parking Areas
- Patios
- Pathways through the lawn
- Carport floors
- Garden paths
- Utility areas (i.e. under trash containers)
- Storage areas (i.e. vehicles, implements and machinery, etc.)
- Subsoil stabilization on hills (i.e. under sod, e.g., to prevent
 - walking on saturated lawns, on hills)
- Around gates and entrances, where high traffic tears up the
 - grass
- Equestrian uses (paddocks and turnouts, dry lots, barn interior
 - flooring, stalls, etc.)





ADAVANTAGES & BENEFITS

Healthier for the environment: by anchoring the soil into place, Pratex reduces both soil erosion and chemical or waste runoff into the ecosystem

Healthier for Livestock: by maintaining a dry paddock, Pratex reduces hoof-related syndromes

For pedestrian greenbelts or footpaths: Pratex prevents erosion due to traffic, rainfall or rutting and potholes leaving a level surface

Extreme Ease of use around the home: prevents unsightly muddy traffic areas around gates, entrances, loading areas, etc.

Provides a Suitable public access control method: easily accommodates the use of bicycles, wheel chairs, strollers and carts, yet discourages unauthorized recreational activities such as skateboarding, roller blades, etc.

Pratex will reduce hazards eliminating saturated lawns or earthen surfaces on slopes

Provides Traction: permits lawn care equipment to be maneuvered on sloped lawn surfaces without destroying the lawn

Strength: can support heavy vehicles on either grass or stone surfaces

Superior alternative to paving: when using Pratex for driveways, parking lots or vehicular access

Pratex requires significantly less stone, less harmful environmental impact while saving time and money. Simplifies the foundation phase by requiring less material, labour and equipment. Does not require significant roadbed construction for non-public roadways and prevents the intermingling of the stone with the soil underneath it by creating a permanent, water-permeable barrier

Stabilizes gravel driveways: keeping them free of ruts and erosion potholes, minimizing maintenance

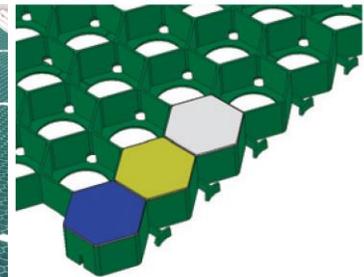
Adaptable: May be filled with either soil, sand, crushed stone, stream pebbles, or grass

Various sporting applications: for example, golf courses (cart paths) and equestrian centers, fairgrounds, sport fields sidelines, outdoor show and exhibition areas, public gathering areas, etc.

Water-resilient and non-corrosive: will not crack under normal usage and conditions

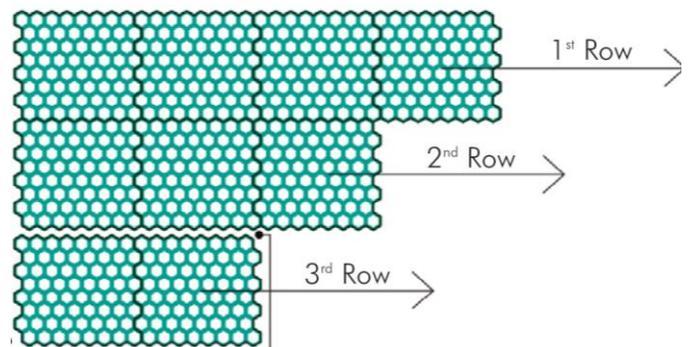


Edge caps are inserted in PRATEX® cells to mark driveway or parking lines. Installation of caps is very simple and they are available in white, yellow and blue.



VERY ADAPTABLE ANDMY BE FILLED WITH EITHER SOIL, SAND, CRUCHED STONE, STREAM PEBBLES OR GRASS

INSTALLATION



EXPANSION JOINT

Commence installation on first row from left to right. Repeat on all other rows and secure the interlocking clips of each element.

Simplicity and Speed are the main characteristics of PRATEX. On average, 2 laborers install 65 m2 (700 sq.ft) per hour.

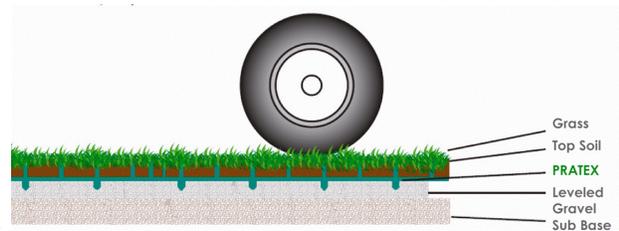


SPECIFICATIONS

PRATEX® remains strong and flexible, even in extreme climates.

-30° to + 70° Centigrade (-25° to + 180° Fahrenheit). Unlike pavement, it is not subject to winter ground surges during winter freezes. No more cracked or unlevelled pavement every spring, requiring patching or replacement.

Dimensions:	56cm (22") x 60cm (24") x 4cm (1.5")
Unit Weight:	1.3 kg (2.86lb)
Material:	100% High Density Polyethylene with UV resistant additives
Load Bearing:	300 Tonnes / sq.m. (61,000lb/sq.ft.)
Concentrated Load:	15 Tonnes-30 x 30 cm (1sq.ft)
Colour:	Green
Soil Consumption:	0.038 m3/m2
Packaging:	Single use pallet w/228 pcs for a coverage of 76 sq.m (765 sq.ft)



To begin using the PRATEX® for your Sustainable Pavement Project, visit our Solutions page at www.cupolex.ca for a step-by-step road map on using this products.

**PONTAROLO
ENGINEERING**

PATENTED

