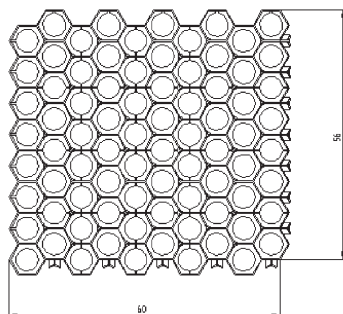




The friendly sustainable alternative to pavement



### Specifications

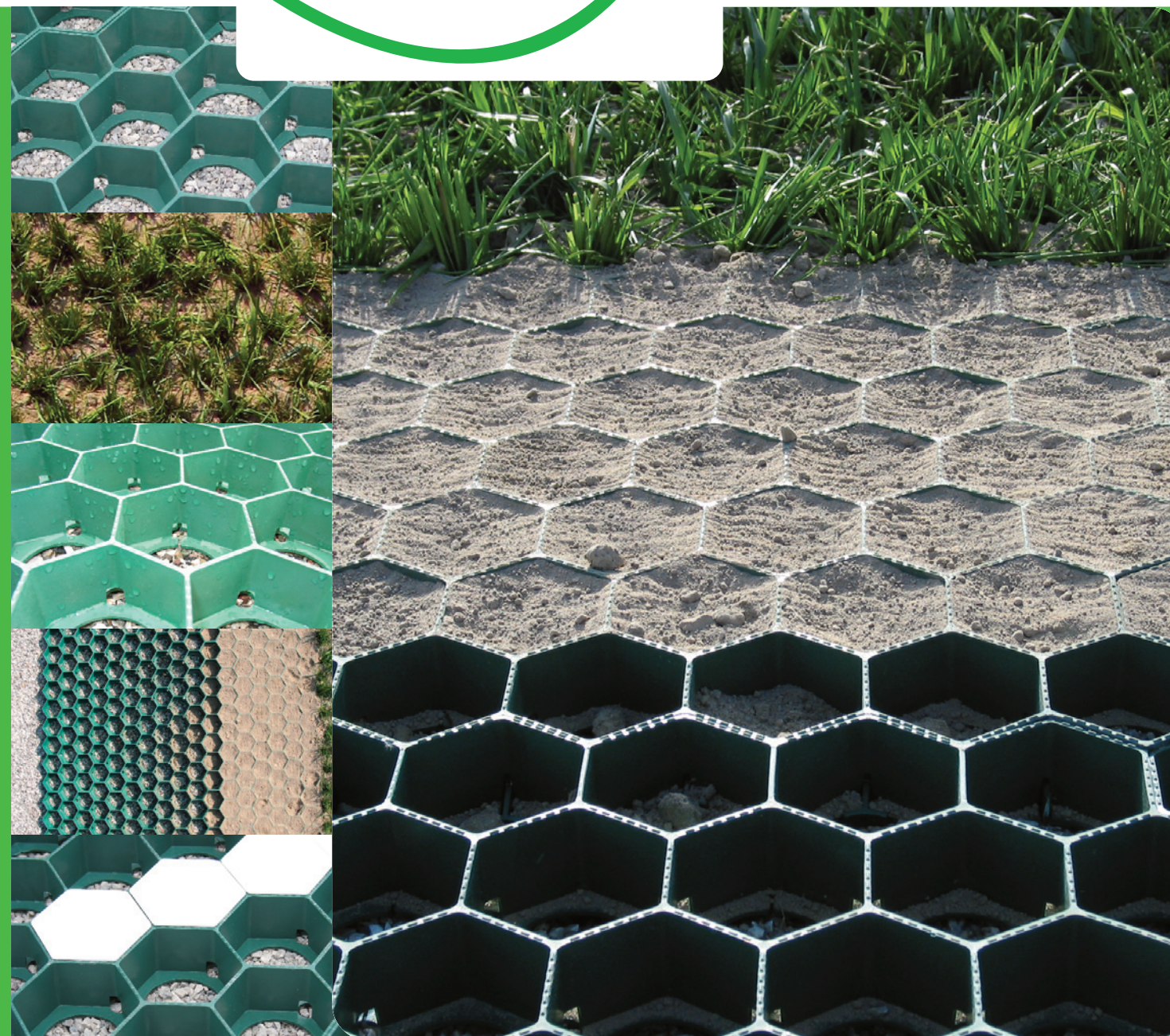
PRATEX remains strong and flexible, even in extreme climates.

-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")x60cm(24")x4cm(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)

### Pontarolo Engineering-PRATEX Applications:

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Pervious, Ecologically friendly, Simple and a Environmentally Sound Alternative

PRATEX<sup>®</sup>, SOIL REINFORCING ALTERNATIVE

PAT. PEND.



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Research/Know-How/Patents/Sustainable Building Technologies



# The friendly 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.



## IMPROVING THE ENVIRONMENT

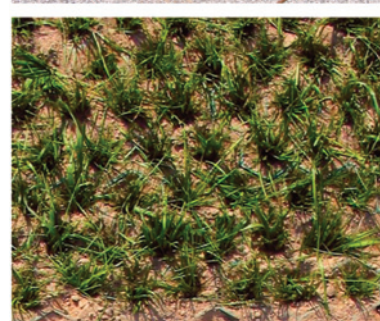
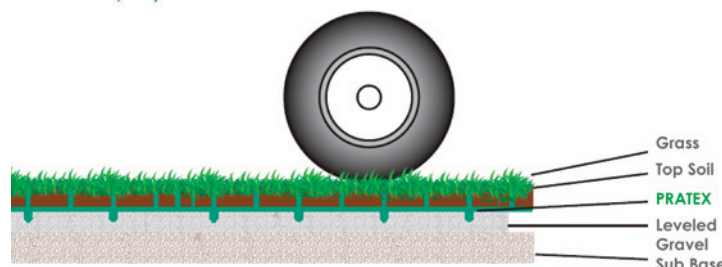
The lakes, streams, rivers and ponds are becoming polluted.

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.

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.)



## Advantages and 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

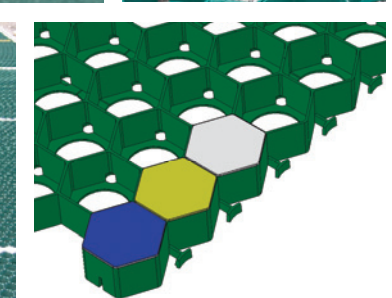
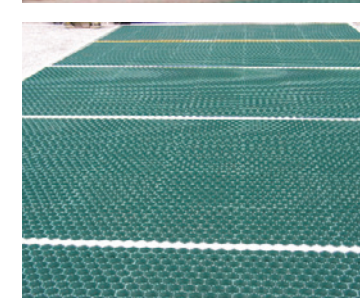
**Various sporting applications:** for example, golf courses (cart paths) and equestrian centers, fairgrounds, sport fields sidelines, outdoor show and exhibition areas, public gathering areas, etc.

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

## Accessories

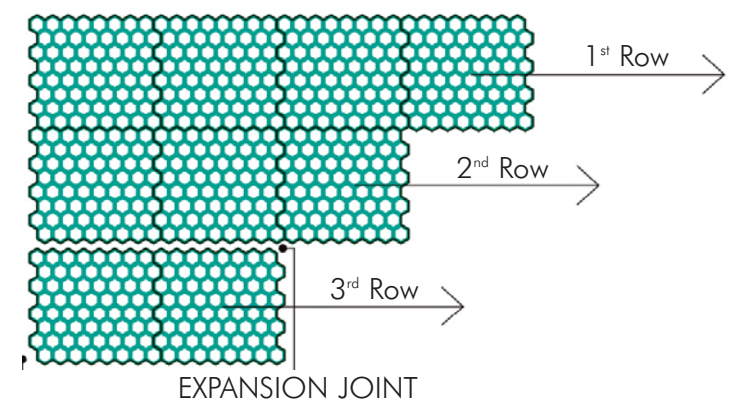


Edge caps are inserted in PRATEX cells to mark driveway or parking lines. Installation of caps is very simple and they are available in white, yellow and blue.



Very adaptable and may be filled with either soil, sand, crushed stone, stream pebbles, or grass

## Installation



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.**