

innovation outdoors™



EAGLE LAKE
professional landscape supply

Grasscrete® – product data sheet

Eagle Lake Professional Landscape Supply is Western Canada's exclusive dealer for Grasscrete - an environmentally friendly solution for emergency vehicle access, water management and traffic applications.



Grasscrete®

Attributes

Overview

Eagle Lake Professional Landscape Supply is pleased to announce we are now an exclusive dealer for Grasscrete® - an environmentally friendly solution for emergency vehicle access, water management and traffic applications.

Grasscrete offers the ability to provide year-round access for a variety of applications requiring structural paving surfaces without compromising the aesthetics of the exterior landscaping.



The selection of Grasscrete is one of the easiest ways to achieve LEED® points due to the reduction in heat island effect, management of storm water runoff, recycled content used in the application process as well as the concrete and sub-base, the long lifespan and the low maintenance required.

Grass reinforcement

Occasionally confused with pre-cast blocks, Grasscrete is in fact a cast on site cellular reinforced concrete system with voids created by styrene void formers. This type of construction offers significant structural advantages over precast concrete and plastic systems:

- Load bearing up to 40 tonnes gross vehicle weight
- Resists differential settlement
- Reduces sub-base depths
- Eliminates kerb edges
- No reliance on grass for stability
- Optimum drainage capability

Typical traffic related specifications for Grasscrete include:

- Vehicle parking for daily or overspill use
- Emergency access
- Maintenance access
- Highway verges and pull-ins



In addition to its ability to withstand traffic loads, Grasscrete is extensively used for projects in the water environment. Tested to flow rates in excess of 8 metres per second, this self-venting paving system is ideal for armouring the following:

- Reservoirs
- Spillways
- Storm/drainage channels
- River/lake defences/swales

1



Lay Formers

2



Pour concrete

3



Punch out voids

4



Fill voids