Request For Project Evaluation (RFPE)

GEOWEB® Tree Root Protection (TRP)

Project

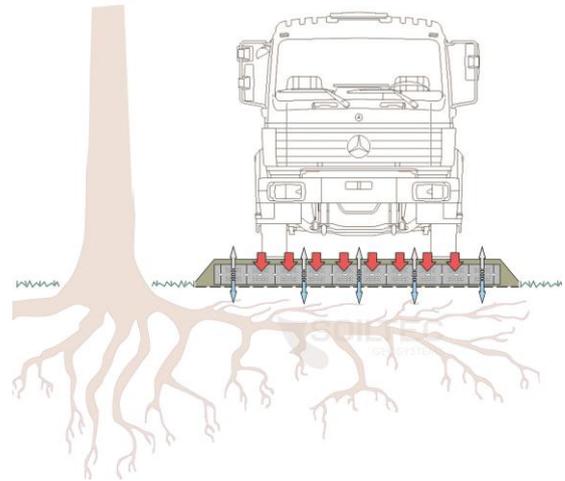Distributor: GFX UK

Q-reference:

Project Name:

City:

Estimated Geoweb® area (L x W):

_____m x _____m = _____m²

Tender: Yes ☐ No ☐

Projected Bid Date:

Planned construction Startup:

Describe problem to be solved by the Geoweb® system:
(Please provide also a sketch or cross section)

_____

_____

_____

Alternative/ Conventional way of construction (without Geoweb®)/ Known competitors:
(number of layers, layer thickness, layer properties: angle of friction, specific weight and module of stiffness)

_____

_____

_____

Please note

The accuracy of preliminary designs/ evaluations based on RFPEs depends on the quality of the provided data. Specific values/ information which cannot be provided reduce the quality and reliability of preliminary designs since comparable values have to be assumed. Final designs always should be based on proper soil investigations and detailed load parameters – final designs are engineering achievements!

Disclaimer/ Limitation of use

Evaluations/ Preliminary designs are copyrighted and specifically based upon the unique characteristics of Presto Product's patented Geoweb® material. Evaluations will be prepared solely for the Requestor. Use of any part of Evaluations/ Preliminary designs with any materials not manufactured by Presto Products is strictly prohibited and shall make Evaluations/ Preliminary designs invalid.
The purpose of Evaluations/ Preliminary designs is to provide a potential use of Geoweb products and does not represent an actual design to be used for construction or any other purposes. A final design shall be prepared by a licensed professional engineer based on actual field conditions.

On behalf of PRESTO Geosystems
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Existing subgrade

Plate load test, EV2-value [MN/m²] _____

or California bearing ratio, CBR-Wert [%] _____

(If CBR or EV2-value are unknown a 2% assumed value will be used)

Module of stiffness [MN/m²] _____

Angle of internal friction [°] _____

Specific weight [kN/m³] _____

Ground water table [m] _____

Bulk density [g/ cm³] _____

Soil type of existing subgrade

Granular ☐   Cohesive ☐   Peat ☐

Traffic crossings

Crossings per day _____ x Design life _____ years = _____

Load parameter (according to DIN 1072)

☐ Truck 60 tons
   ($P = 100$ kN; $A = 0,12$ m²; $\sigma = 833$ kN/m²)

☐ Truck 30 tons
   ($P = 50$ kN; $A = 0,08$ m²; $\sigma = 625$ kN/m²)

☐ Truck 16 tons
   ($P = 50$ kN; $A = 0,08$ m²; $\sigma = 625$ kN/m²)

☐ Truck 12 tons
   ($P = 40$ kN; $A = 0,06$ m²; $\sigma = 666$ kN/m²)

☐ Other_____

☐ Van 9 tons
   ($P = 30$ kN; $A = 0,052$ m²; $\sigma = 577$ kN/m²)

☐ Van 6 tons
   ($P = 20$ kN; $A = 0,04$ m²; $\sigma = 500$ kN/m²)

☐ Van 3 tons
   ($P = 10$ kN; $A = 0,04$ m²; $\sigma = 250$ kN/m²)

☐ Car
   ($P = 7$ kN; $A = 0,04$ m²; $\sigma = 175$ kN/m²)

Max. axle load _____ kN

Number of axles/ tyres _____

Contact area (tyre)_____ m²

Tyre pressure _____kN/m²

GEOSYSTEMS

GEOWEB® Tree Root Protection (TRP)

Final surface

Blockpaving sand bedding	☐	Loose gravel	☐
Porous Tarmac	☐	Filterpave	☐
Resin bond with bindercourse	☐	Other	☐

Depth of surface: _____ mm

Sketch/ Cross section

Logistics information

☐ Cost estimation

☐ Quotation

☐ Preliminary design/ Calculation   needed by: