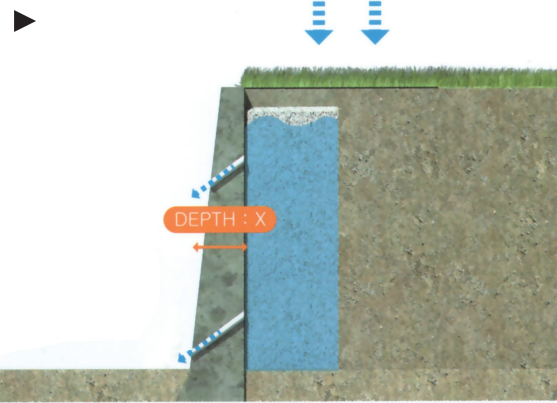


Retaining wall reinforcement using GEOCELL

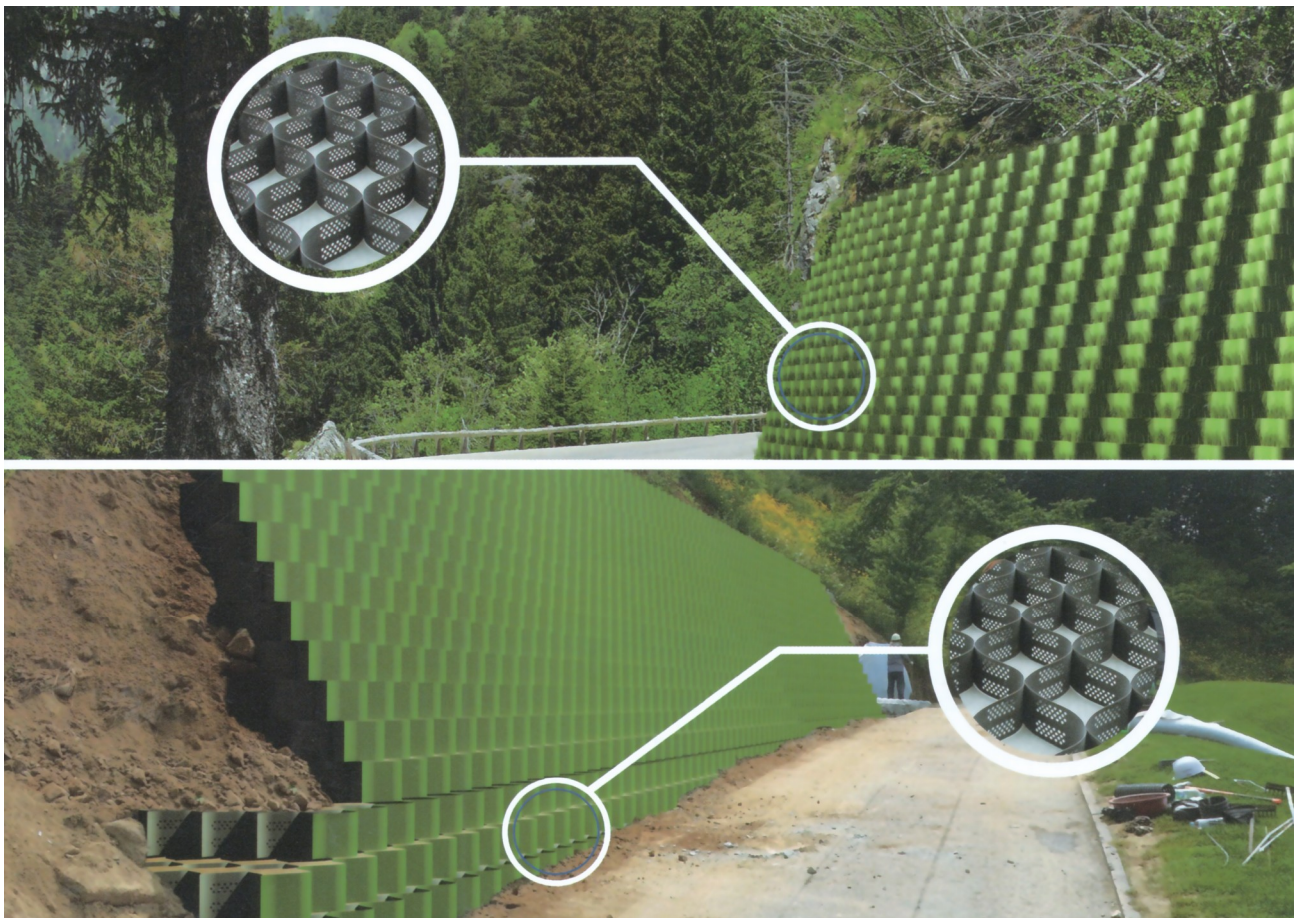
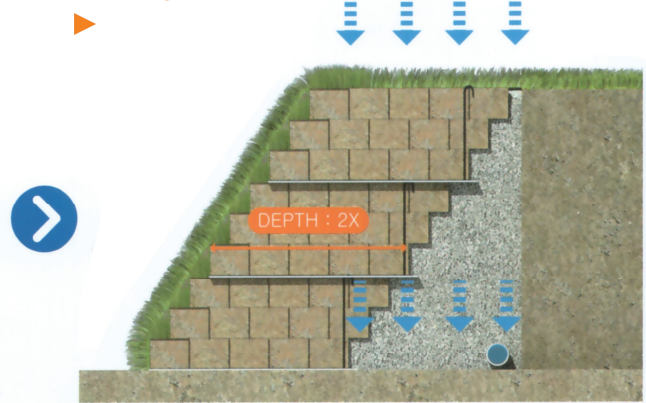
–It may be designed as retaining wall by laying GEOCELL in multilayer form. GEOCELL, thanks to its flexibility, withstands ground deformation while sustaining its original structural shape and it may be used as non-structural front or accommodates vegetation.

–GEOCELL wall has high penetration force and flexibility which can be installed on soft ground and it may be designed as gravity wall without reinforcement layer and is formed as wall fascia with a 3-cell depth to create integrated section which is stable to movement

Unreinforced retaining wall



GEOCELL-reinforced retaining wall

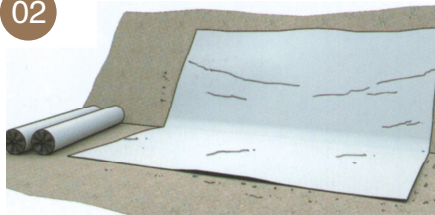


01



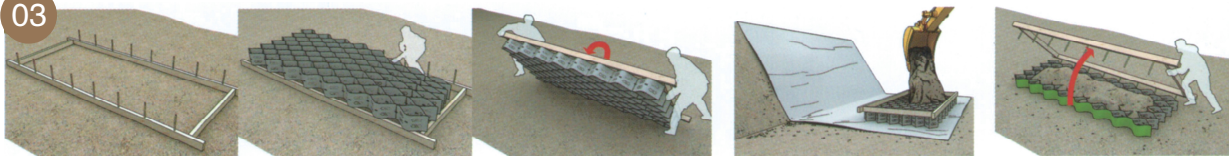
After grading the ground, remove the plant roots and stones.

02



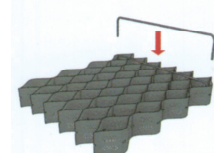
Install the Non-woven fabric.

03



A

Mold

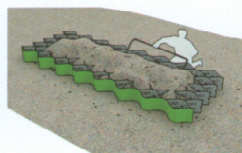


B Rebar mold

Curve mold setting

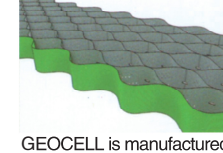


Filling with filler

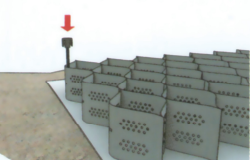


Mold removal

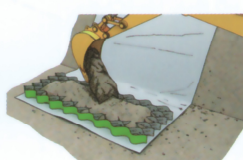
Mold removal



GEOCELL is manufactured with the sheet in color matching with vegetation on front.

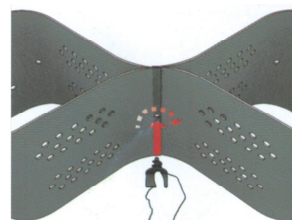


C Vertical clip(fixing)



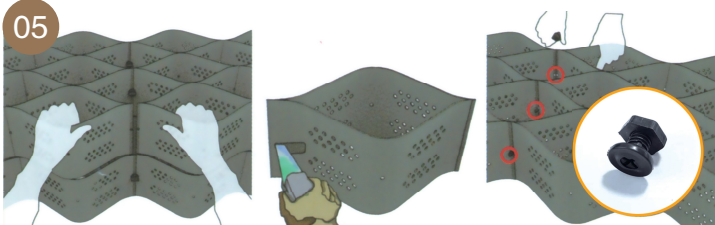
Filling with filler

04



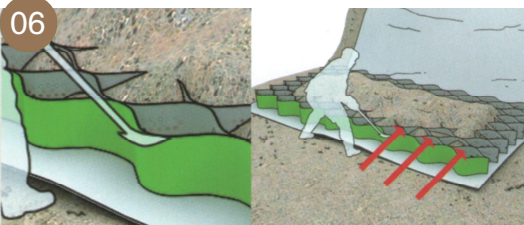
Connect GEOCELL using GEOCELL key

05



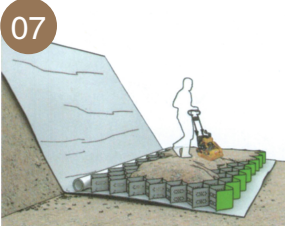
Connect to GEOCELL using key depending on site condition.

06



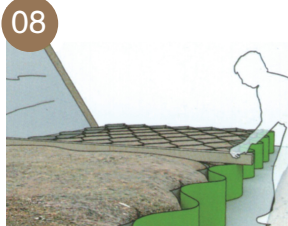
Fill GEOCELL with the filler.

07



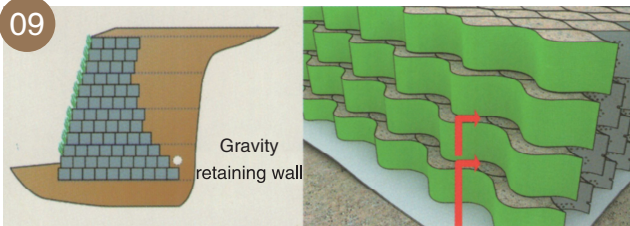
Compact the soil using compactor.

08



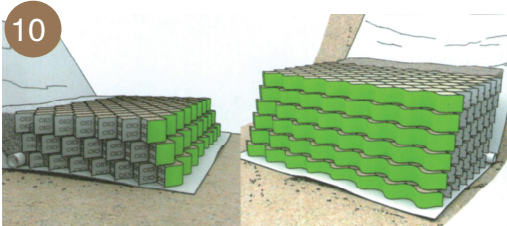
Remove top soil after compacting

09



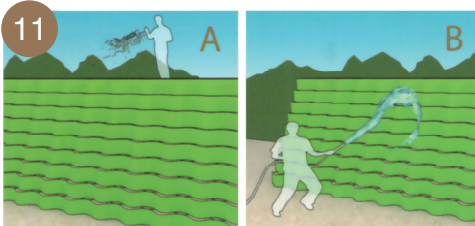
Lay GEOCELL leaving 50mm at least overlapped behind for lamination

10



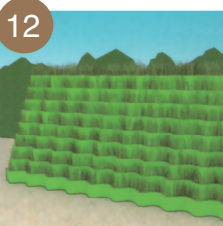
Laminate the cells as indicated.

11



Spread the seeds by broadcast sowing method.

12



Completion of retaining wall