GEOCELL REINFORCED SOIL RETAINING WALL

INSTALLATION GUIDE

راهنمای اجرای دیوار خاک مسلح با ژئوسل

HIGH STRENGTH STRUCTURAL STABILITY | FAST & EASY INSTALLATION | DURABLE & LONG SERVICE LIFE | ECO-FRIENDLY SOLUTION

1 SUBGRADE LEVELING AND COMPACTION



Level the subgrade to the required elevation and compact it to achieve a firm, stable foundation.

2 LAYING GEOTEXTILE FABRIC



Unroll and lay geotextile fabric over the prepared subgrade. Ensure proper overlap between adjacent sheets.

3 EXPANDING GEOCELL PANELS AND ANCHORING WITH J-HOOKS



Expand the geocell panels to the required length and width. Secure the cells to the ground using J-hooks at designated intervals.

4 CONNECTING PANELS WITH PNEUMATIC STAPLERS



Align adjacent panels and connect cell walls using pneumatic staplers for a secure and continuous geocell system.

5 PLACING GRAVEL INFILL



Fill the geocells with well-graded gravel in layers. Compact each layer to ensure maximum interlock and structural performance.

6 FINISHED GEOCELL REINFORCED SOIL RETAINING WALL



Complete the wall face treatment and landscaping as required. The geocell reinforced soil retaining wall provides long-term stability and durability.

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