



GEOCELL Specification item

Supply and installation of a drainage cavity realized with Geoplast GEOCELL modular geocellular elements in regenerated PP, with dimensions 58x58xH=3 cm, with a vacuum index of 91% and resistant to 1st category road loads (60t on 3 axes) according to DIN1072. The elements are equipped with a hook that allows the inclination up to an angle of 90°.

Laying of the panels on a smooth substrate, on which a needle-punched geotextile of 100-150 g/m² is laid, and top cover of the cells with a geotextile of similar characteristics to ensure the maintenance of the internal voids.

Subsequent finishing according to the design specifications.

The GEOCELL type elements shall meet the following requirements:

- 1) Compressive strength with a maximum applied load of 310 kN, applying the load by means of a steel flat distributor (dimensions 58 x 58 x H1 cm) on a single module of the "Geocell" sample;
- 2) Flexural strength at maximum applied load of 0.5 kN;
- 3) Be manufactured by a company certified according to ISO 9001 standard.

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