

## Manual preparation of draining base

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### Preparation and verification of base

The aggregate Aquastone resin can be applied to any database or not drainage or any other carrier material suitable charge, since this enhances remarkably, and it never makes an actual connection.

The base must be able to accommodate the weight of the intended use of the floor since the aggregate layer Aquastone shows the compression strength values much higher than required for the movement of vehicles on a foundation compact.

The base must meet the established quota and perfectly regularized. The final layer of the base should not exceed 0.5 cm irregularity because it can lead to greater consumption of materials.

The type and quality of the base must be established by engineering design: If waterproof and drainage, base and volume of drainage capacity, load capacity, etc.. From the point of view of the application of the pavement this power all the capabilities of the base since it is considered responsible for this purpose the flooring in question applies regardless.

On a base consisting of gravel trap the thickness to be applied should be 2-2.5 cm for pedestrian use and 4-5 cm for automotive use

On a base of concrete or other material more consistent thickness used for automobile vehicles or pedestrian use is the same: 2-2.5 cm

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In order to protect the sharp edges of the floor should be a profile of containment or tab bounding the final height of the pavement and base shall report to the quota needed to curb pavement thickness indicated in the specifications and application manual.

Also has the purpose to contain the basis of drainage gravel so that it does not move in the future and cause erosion of the base.

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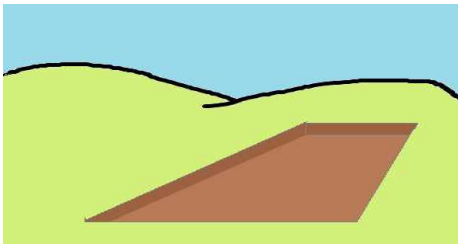
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### Preparation of the base in the gravel trap draining

Implementation on the ground

Earthwork

Opening the box to the deck base and compaction



Opening the box to the floor screed



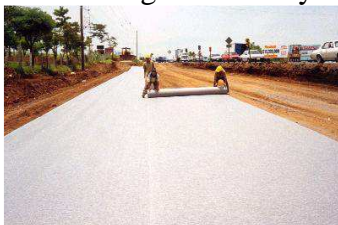
Soil compaction

Following excavation the soil should be compacted mechanically.

### Preparation of cash draining

#### Placement of geotextile

For draining the camade not infiltrate into the soil subsequently applied in advance between a geotextile layer of soil and gravel

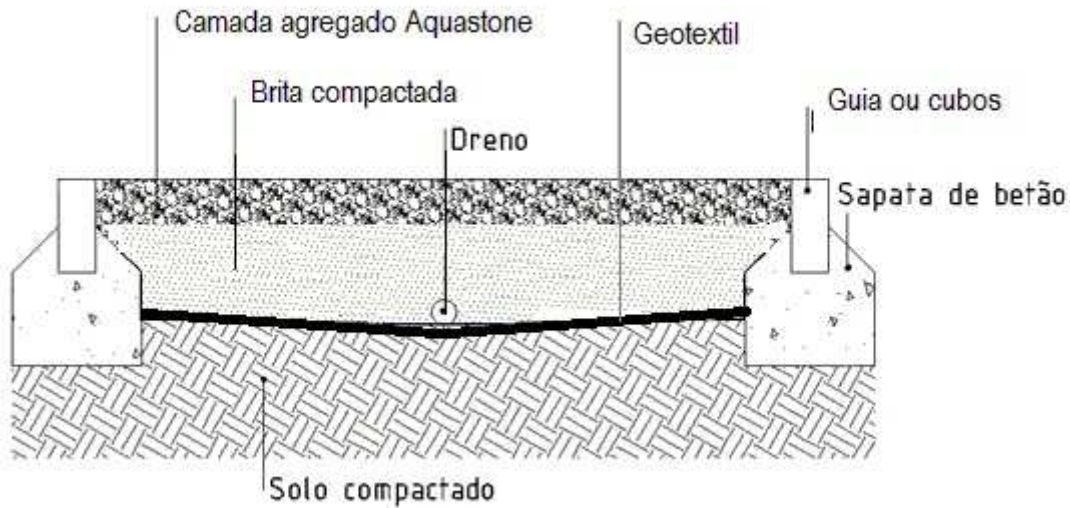


#### Edge Placement



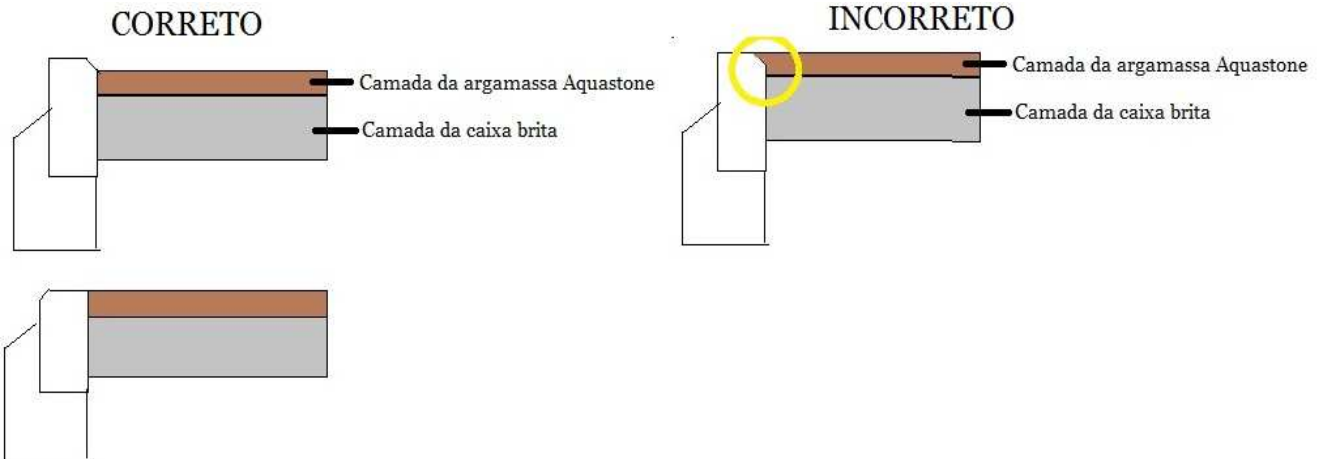
**Edge:** As seen in the picture the edge definition must contain the wearing course of the pavement but also contain the gravel base so that it does not move and is confined under pressure from the pavement

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Note: The drain is indispensable in the lower elevations of the terrain. In higher dimensions is the consideration of the designer installation.

### Details of placement guide delimitation

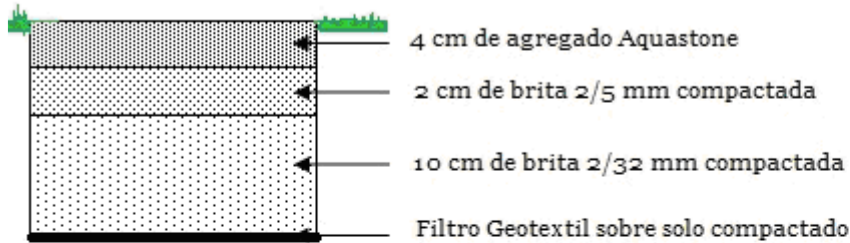


**Detail (cuts) of the pavement and base for use pedestrian and automobile use over a gravel trap draining**

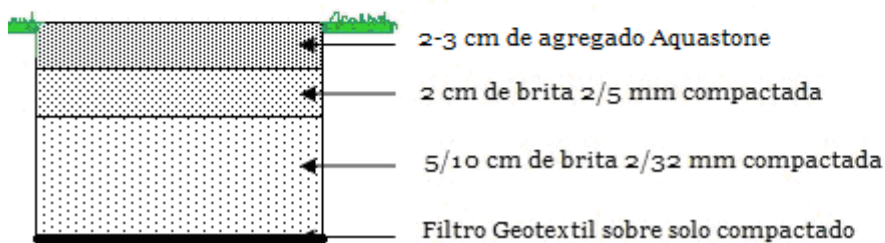
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### Pormenor do pavimento para trafego de veículos



### Pormenor do pavimento para circuito pedonal



- Placement of 5 to 10 cm gravel particle size 2/32 mm according to use (detailed above)
- Placing gravel particle size of 2 cm 2/5 of mm
- Compaction of the base machine with vibrating