

# Permeable Driveways

Sustainable Urban Drainage System



Typical base build up for cars and light trucks

0.5mm dia grit cast onto uncured surface

## Surface Course

Hand applied and trowelled to a smooth finish by Chameleon Ways certified applicators.

## Binder Course

Laid by others in well compacted layer

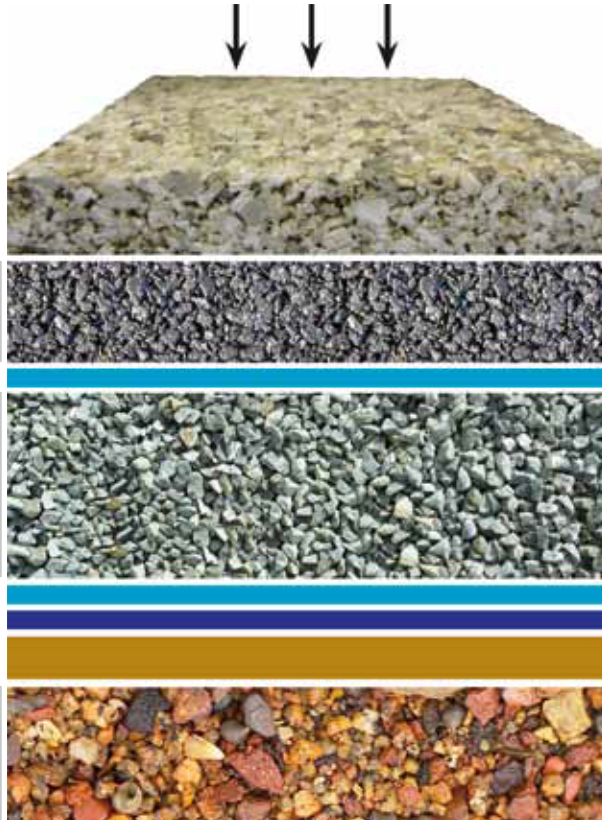
## Sub-base

Laid by others in well compacted layer

(Optional) impermeable membrane →

**Capping Layer** – (if required)

## Sub-grade



## Addabound resin bound paving depth requirements

6mm mix requires a minimum depth of 3/4 inch  
10mm mix requires a minimum depth of 1 inch

Depth of open graded bituminous base course must be designed to carry intended load.

← (optional) geotextile membrane to prevent downward migration of fine particles

6 - 8 inch well compacted, large, single size, crushed stone which meets DOT specifications for a porous application

← (optional) geotextile membrane to prevent upward migration of fine particles

**Sub-grade, sub-base and binder courses must be designed by an engineer as depth and type of materials will change depending on intending load.**



NOTE: A suitable steel, wood, brick, stone or aluminium edging should be provided to ensure a neat edge detail.

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It is recommended that a certified professional engineer design and develop the proper base structure requirements to support the expected loads and taking into account the climate and site specific conditions which may exist.