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

Terrabound resin bound paving depth requirements
6mm mix requires a minimum depth of 3/4 inch
10mm mix requires a minimum depth of 1 inch

3 inch open graded porous bituminous base course which meets DOT specifications for a porous application

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

(Optional) geotextile membrane to prevent downward migration of fine particles

(Optional) geotextile membrane to prevent upward migration of fine particles

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

Any advice, recommendation or information given by Chameleon Ways, Inc is based on practical experience and is believed to be accurate at the time of publication, no liability or responsibility of any kind (including liability for negligence) is accepted in this respect by the company, its employees, or applicators.

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.

Newly laid bituminous surfaces are able to be treated 30 days or longer after installation to be sure all volatiles have dissipated from the surface. Newly placed concrete surfaces are able to be treated upon complete cure of concrete approximately 30-90 days after placement. If areas need to be installed sooner please consult with your approved Terrabound installer.