

PERMA-GRATE Lintel Filtration Grates



Product Description

Permapave Lintel Filtration Grates are specifically engineered to filter pollutants from stormwater before it enters the collection system.

100% of gross pollutantants are left on the surface, and are easily collected and disposed of to appropriate sites.

Some suspended solids are trapped within the homogenous mass, and are removed during periodical cleaning.



Sizes

Perma-Grates are manufactured to fit any size opening. Grates are 100mm deep unless otherwise specified.

Infill colours

Stone infill must be of sufficient strength to comply as roadbase. If colour is important, stone infill may be pigmented to any selected colour. Some colourful stone may not be suitable to use as infill.



Suitability

Suitable as an inlet filtration grate for most Lintel and side stormwater entry points.

Also suitable as side entry filter for Permapave Bioretention systems.

Capture rate

Capture rates may be adjusted with stone size and shape. Typically, Permapave Lintel grates will capture 100 litres per second.



Cleaning

Frequency of cleaning will depend on typical contaminants in an area. Lintel Inlet Grates located close to the beach will require greater frequency of cleaning than those in the inner city. Frequency of rainfall events will also determine the frequency of cleaning.

Typically Lintel Inlet grates should be cleaned each 12 weeks, or more frequently if required, depending on the above criteria.

Grates are cleaned by mechanical vacuum.

