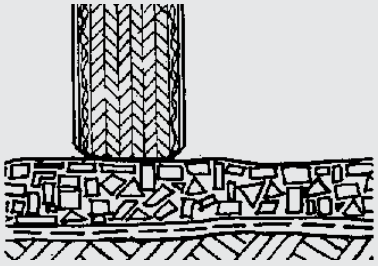
PERMATHENE
Earth Solutions

Mudstop™
Woven Geotextile Fabric

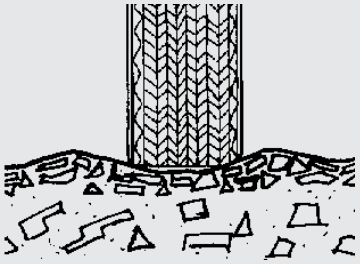
Product Description

Mudstop™ is a permeable, woven polypropylene geotextile designed for applications where soil stabilisation and separation are major functions and strength is not critical. Non-exposure to UV is specified. When used and installed correctly the fabric may be used as follows:

- Separation of aggregates in parking, pavements, and roads
- Low cost temporary or permanent roading for construction vehicles in problem traffic areas
- Under aggregate to prevent loss of fill into subsoil and allow top cover to remain firm



Mudstop used under road prevents fill or aggregate mixing with subsoil and mud.



Mudstop not used under road aggregate mixes with mud and needs constant replacing.

Installation

1. Site Preparation

When accessways are to be formed on very poor ground such as peat or marsh, attempt to leave the surface layer of vegetation to assist in load bearing. Where practical, level very deep ruts and clear the area of large stones, trees, etc. When sub-grade has been exposed and levelled, apply fabric immediately to minimise damage to the surface.

2. Laying

- **Roads**: Roll out Mudstop™ fabric from the point of access to the site along the length of the intended accessway. Fasten down the edges with Ground Staples or stones to prevent movement by wind. Overlap the joints by 0.3 to 1.0 metres, as practical for the sub-grade conditions and the nature of the aggregate.
- **Soil Stabilisation**: Roll out Mudstop™ fabric. On very soft subgrade, begin placement of fabric on the firmer soil to establish an anchorage. Fasten down edges with Ground Staples or stones to prevent movement by wind. Overlap the joints by 0.3 to 1.0 metres, as practical for the subgrade conditions and the nature of the aggregate.
- **Aggregate**: Single size, compactable, rounded aggregate is recommended. Where sharp or flinty aggregate is used, a blanket of sand over fabric assists in preventing damage. Largest aggregate dimension should not exceed one third of sub-base depth.
- **Aggregate Depth**: Spread fill evenly across top of fabric to a minimum depth of 100mm. In extremely soft conditions, 300mm of fill may be required to consolidate surface. Without a geotextile raft, at least 500mm of fill may be required for problem areas.

- **Drainage Filter**: Mudstop is not for drainage applications (we recommend nonwoven geotextiles be used, however where woven geotextiles are specified, see woven). Use this method as a general guide for drainage. Lay fabric into the drainage trench before the trench is filled with scoria or aggregate. The geotextile should have sufficient width to allow it to be folded over the completed trench before soil covered. A drainage coil is placed in the bottom of the trench on top of a layer of aggregate. Aggregate is filled to the top and the geotextile is folded over the top to prevent soil from entering the drain.

Permathene Civil & Environmental, 404 Rosebank Road, Avondale, Auckland, New Zealand
Tel. +64 9 968 8888, Fax +64 9 968 8890, www.permathene.com

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Except when agreed to in working conditions of use, no warranty expressed or implied is made regarding the performance of any product, since the manner of use and handling is beyond our control.