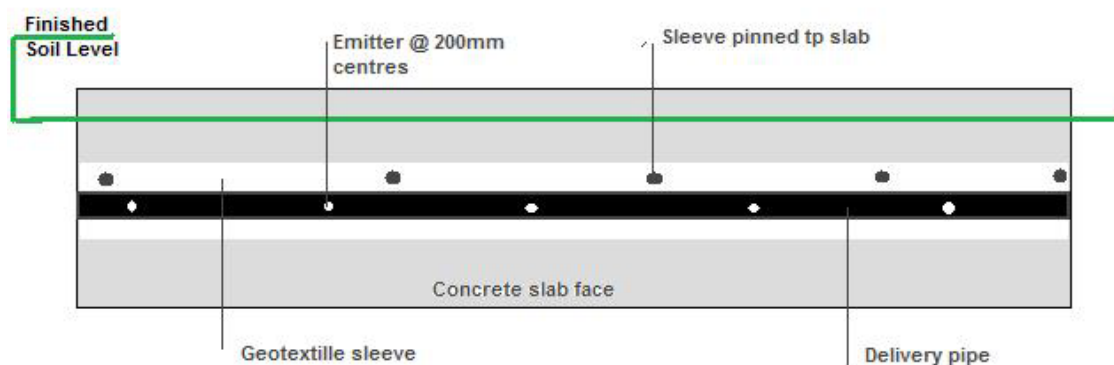


Premium flow™ Termite Barrier System. Product description

Premium flow™ is a reticulation system for treating the soil around the perimeter of a concrete slab and under construction joints as a deterrent against the concealed entry of termites. The system utilizes State-of-the-art cylindrical PC low-volume drippers to provide uniform calculated delivery and the Soil dispersal of the termiticide is enhanced by the properties of the geotextile sleeve to create an even dispersal mechanism. The chemical barrier is produced by a combination of mass flow in the geotextile which delivers the solution and capillary action in the soil which is responsible for its spread.



The *Premium flow™* system was developed by an Australian company **The WhiteAnt Co Pty Ltd** and it has had an intensive period of R&D into how to build an easily replenishable and serviceable chemical barrier system to protect building from subterranean Termites.

Premium flow™ is attached to the face edge of a concrete slab and covered with soil with the delivery pipe approximately 30-50mm below the finished surface level.

Premium flow™ is placed on a pad of sand under the moisture barrier (plastic sheet) at the line of a construction joint in concrete slabs.

This will form a chemical barrier approximately 300mm wide at the construction joint.

Premium flow™ is attached to the soil face of a retaining wall and is layered at 200mm centres across the surface of the retaining wall.

Premium flow™ will deliver 100litres of termiticide to each cubic metre of barrier in less than 10 minutes. Only one pump-up point is required for every 70m of line.

The co-efficient of uniformity (CU) for the discharge of termiticide from emitters in the drip line is approximately 98%

Premium flow™ is manufactured in Australia from UV stabilised and biologically resistant materials

Premium flow™ Termite barrier system.

Product description

Components:

- Protectant Premium flow™ – Non PC
- Opening Pressure - 0m head
- Discharge Rate - 20 L/m/hr (litre/metre/hour)
- Component Materials:
 - Irrigation pipe: Drip line
 - Geotextile: Polyester composites
- Operating Pressure Range: 0 - 18m head (0 -176kPa)
- Dripper line: ID: 13.90 mm - OD: 15.7 mm ; wall 0.9
- Best applications: Level House Slabs
- Maximum perimeter length per pump-up point: 70m (Up to 35m either side of pump-up Tee)
- Suggested depth of installation: 25-50mm below finished soil level
- Maintenance requirements: Reinject lines according to chemical manufacturer's specifications.
- Installation method: Nail to vertical side of house slab.
- Connection fittings: Drip line and 16mm Cam-lock fittings

Attached is a copy of the Technical assessment of all of our termite management systems, and as per the technical assessment for CodeMark, the materials used in both barrier systems has a serviceable life that will exceed 50 years.

In summary:

The *Premium flow™* termite management system offered for installation on your projects will provide “whole of building protection against concealed entry by subterranean termites into the structure” as per the Australian Standards code AS3660.1 of 2000 and the total system complies with the requirements of the BCA and the Queensland amendments related to termite barrier systems.

Please review the following documents as compliance.
CodeMark™ Certificate of Conformity Number CM40359
Technical Assessment of Protectant Pest Management termite management systems for Codemark.

Installation drawings are assessable on our website and / or an Installation Manual can be supplied on request.

Please do not hesitate in contacting me if you have any further queries with reference to this matter.

Regards



Anthony Studte