

PROTECH GM PP

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Product specification to be Protech GM PP by The A Proctor Group, Blairgowrie

Manufacturer

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Detailed Description

Gas Barrier to be used shall be Protech GM PP supplied by The A Proctor Group, Blairgowrie.

Protech GM PP is a reinforced polyethylene and foil gas barrier that provides protection against a range of ground contaminants.

Product

Product performance specification as follows:

Thickness

1mm

Roll Size

3 or 6.86m x 100 or 200m (various sizes available)

Material

Polypropylene

Colour

Black

Accessories

Protech GR-DPC	Protech GM Primer
Protech GM Tophats	Protech GM 3mm Protection Board
Protech SAGM (Self Adhesive Gas Membrane)	Protech GM Protection Fleece
Protech GM Flashing Strip	Protech LAGM (Liquid Applied Gas Membrane)
Protech GM Corner Units	

Certification

Minimum required: not applicable

Technical Properties

- Mass per Unit area: to be no less than 0.9 g/cm³
- Tensile Strength @ Break: to be no less than 18 N/mm² when tested to ASTM D-638
- Elongation @ Break: to be no less than 700% when tested to ASTM D-638
- Puncture Resistance: to be no less than 150N
- Tear Resistance: to be no less than 60N
- Moisture Vapour Transmission: to be less than 0.1 g/m²/day
- Methane Permeability: to be no more than 0.11 g/m²/24h/atm

Protech GM PP is a polypropylene, single layer, cold applied geo-membrane. Protech GM PP is suitable for environmental and water protection to structures, balancing ponds, ornamental ponds, reed beds, lagoons, reservoirs and cut-off trenches. Protech GM PP is ideal in constructions where differential settlement is an issue in the ground, or complex foundation designs are required.

Benefits

- Relatively flexible and easy to lay
- Full range of accessories to ensure that the membrane is gas tight
- Improved Impact Resistance and does not usually require protection layer when used under reinforced slabs
- Large rolls available for reduced installation times
- Compatible with the Provoid Gas Venting System
- Smaller rolls available for reduced wastage on smaller schemes

Product Reference

[Protech GM PP](#)

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