

PENTENS DPM

High Performance Damp Proof Membrane

Product Data Sheet

Description

PENTENS DPM is a high performance damp proof membrane made from a prime virgin base material to 250 microns (0.25mm) thick perfect for providing damp proofing security throughout the buildings.

PENTENS DPM is the premium quality permanent and efficient damp proof membrane for use as:

Uses

- On top of compacted earth as supplemental vapour barrier in basement and underground structures waterproofed with PENTENS T-308 crystalline waterproofing admixture system.
- On top of lean concrete as separation layer and vapour barrier in the application of waterproofing system.
- On top of insulation foam as separation and protection layer.
- On top of the slab and below 50mm thick (minimum) cement and sand floor screed.
- Under reinforced concrete ground, basement slabs and underground structures.
- On top of soil as protection layer against erosion.

Advantages

- Chemical resistance to all naturally occurring subsoil alkalis and acids.
- High tensile strength.
- Cold applied: PENTENS DPM simply rolls out and requires no heat or chemical bonding agents.
- Simple on site overlap sealing with adhesive tape.
- Biological resistance- unaffected by bacteria, fungi, etc.

Additional note

PENTENS offers a comprehensive range of high performance quality, construction products. In addition to a wide range of quality products, PENTENS offers a technical support package to specifiers and contractors which includes assistance with product selection and technical advice from staff with unrivalled experience in the industry.

Technical & Physical Data

Tensile Strength at break	20 N/mm ²
Dimension Stability	±10%
Elongation	500%
Water vapour transmission	1.06 gm/hr/m ²
Resistant to soil burial % of change (Typical)	±10%

Installation

PENTENS DPM is used as an over-site membrane situated between the base concrete and hardcore bed A binding layer of sand or granite quarry dust on a well compacted hardcore provides a suitable base. The membrane suited in this application protects the site concrete against any sulphate attack and allow good bonding of screed to the concrete.

Jointing the Laps

It will at times be necessary to joint membranes together and to tailer the membrane round projections etc. Prior to any jointing being made, sheets must be clean and free from dirt and grease. Adjacent sheets must be clean and free from 100mm.

The lapping shall be sealed with 50mm wide adhesive tape, to complete the overlap sealing process. The above techniques have been found suitable and effective for installation even by unskilled workers.

Estimating Packaging

PENTENS DPM is available in:

- 1.8m x 16.66m (30m²)
- 1.8m x 50m (90m²)

PENTENS



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