

Estoproof 60

High Performance Multi-Purpose Damp Proof Membrane

Description

Estoproof 60 is a high-performance damp-proof membrane made from a prime virgin base material to 600 ± 20 microns (0.6 ± 0.02 mm) thick perfect for providing damp proofing security throughout the lifetime of a building.

Uses

Estoproof 60 is the premium quality permanent and efficient damp-proof membrane for use: -

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

Advantages

- High tensile strength.
- High elongation and flexibility.
- Easy to apply and rapid application rate.
- Highly reflective, can be exposed to sunlight.
- Simple on-site overlap sealing with adhesive tape.
- Biological resistance-unaffected by bacteria, fungi, etc.
- Chemical resistance to all naturally occurring subsoil alkalis and acids.

Physical Properties

Tensile Strength ISO 527	>14 N/mm ²
Tear Strength	60 N/mm
Elongation at Break ISO 527	>700%
Dimensional Stability	+/- 5%
Melting Point	80 °C
Resistance to Soil Burial % of Change (Typical)	+/- 13%

Application Instructions

Installation

Estoproof 60 is used as an over-site membrane situated between the base concrete and the hardcore bed. A blinding layer of sand or granite quarry dust on a well compacted hardcore provides a suitable base. The membrane suited in this position protects the site concrete against any sulphate attack and allows good bonding of screed to the concrete.

Jointing the Laps

It will at times be necessary to joint membranes together and to tailor the membrane round projections etc. prior to any jointing being made, sheets must be clean and free from dirt and grease. Adjacent sheets are overlapped by at least 100 mm. the lapping shall be sealed with wide premium quality adhesive tape or its equivalent to complete the overlap sealing process. The above techniques have been found suitable and effective for installation even by unskilled workers.

Packing & Size

Estoproof 60	90m ² per roll
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Technical Support

Denka offers a comprehensive range of high performance, high quality of product for both new and existing concrete surfaces, in addition, the company offers a technical support package to specifiers, end-user and contractors, as well as on-site technical assistance.

Storage

Estoproof 60 should be stored in protected, dry areas. When left in unopened package, **Estoproof 60** will maintain their design performance characteristic for 3 years.

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Additional Information

Denka Construction Solutions Malaysia Sdn Bhd offers a wide range of complementary products, which includes waterstops, waterproofing products, grouts, anchors, specialized flooring products. In addition, a wide range of products formulated for repair and refurbishment of spalled concrete are available.



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