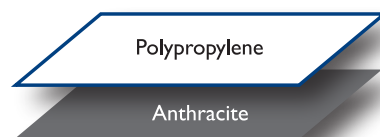
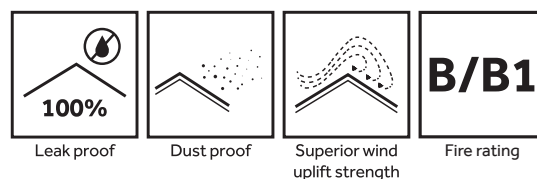


Undertile Membrane

Coverland Undertile Membrane is a fundamental element of a roof structure and is a reliable alternative to plastic underlays and comply with SANS 542 for concrete roof tiles when used with Coverland fittings to suit the design criteria.

It provides superior wind uplift strength which prevents the uplift of roof coverings during strong wind gusts. It offers protection against water ingress and dust invasion. When a roof structure is tiled according to the required specifications and suitably fitted with Coverland Undertile Membrane, it performs as a weather-tight roof.



TECHNICAL DATA

Material	2-ply laminate and polypropylene	
Agrément Certification	2018/572, NHBRC approved	
Roll dimensions (m)	30 (L) x 1.5 (W)	45 (L) x 1.5 (W)
Mass (kg per roll)	4.5	4.5
Coverage (m ²)		
Effective with 150 mm overlap	40.5	60.75
Tensile Strength	180 Newtons	
Average Nail Tear Strength	80 Newtons	
Fire rating	B/B1	
Water Resistance	Waterproof barrier and vapour impermeable	

PACKAGING

Number of boxes per pallet	
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Coverland

STRUCTURAL AND ENGINEER SPECIFICATIONS

The most important environment factor which affects the satisfactory performance of roofs is wind gusting. During short-term wind gusts, pressure differences occur between the roof space (loft) and the outside of the roof covering. The result is a wind force that causes the total or partial removal of the roof covering allowing further damage by natural elements. Roof pitches below 30° results in suction on both the windward and leeward sides of the roof. This suction or lifting force, particularly on a low pitched roof, is often the most severe wind load experienced by any part of a building. Under strong wind gusts the uplift on the roof covering may be far in excess of the dead mass of these coverings, requiring both the roof covering and the total roof structure to be securely fixed to prevent the roof and/or covering from being lifted and torn from the building.

Wind tunnel tests and practical evidence have shown that the satisfactory performance of a roof, and a tiled roof in particular, depends on the complementary function of the roof covering and the undertile membrane.

The working performance of the roofing undertile membrane substantially reduces the lifting forces on the roof covering. In addition the undertile membrane brings definite advantages to the building. In essence an undertile membrane is an essential component of a pitched roof and should be considered an investment and an insurance for a weather-tight roof. If a roof structure is fitted with an undertile membrane of suitable quality and is tiled according to the required specifications, it will withstand excessive wind speeds.

A suitable roofing undertile membrane will afford:

- An increase in thermal insulation resulting in energy savings during winter and summer.
- Reduced dust contamination in the loft space, hence allowing it to be utilised as a storage area.
- Minimised water ingress and damage resulting from hailstones melting in valleys, concealed gutters, etc.
- Protection against roof leaks in the event of damage to the roof covering.

SECURE YOUR ROOF

Proper installation is essential to ensure both health and safety. Temperature fluctuations and environmental factors such as wind or rain can cause building materials to expand or contract, often resulting in unusual attic noises. To prevent this, all insulation overlaps should be securely sealed with aluminium tape to minimise flapping sounds and reduce the risk of fire and smoke spread.

To further enhance roof integrity and safety, Coverland offers storm clips and non-corrodible clout nails that are quick and easy to install. The nails are designed to penetrate the battens to two-thirds of their depth, ensuring a secure and professional fixing of concrete tiles. Our storm clips are precisely engineered to match each tile profile, offering reliable and long-lasting protection against wind uplift and tile slippage—fully aligned with SABS codes of practice and regional fixing specifications. Additionally, these fittings provide an added layer of security against unauthorised roof access.

See our Technical Guide for your area's specifications.

INTENSE PRODUCT TESTING

Our roofing products are tested in a wind tunnel unique to the industry, simulating wind and rain conditions found in a wide range of climate zones worldwide, including situations which typically arise only every 50 years. BMI only releases the new roofing materials when all trials as well as several hardness and long-term ageing tests have been successful.

#itsneverjustaroom

GUARANTEE DISCLAIMER: T's & C's apply. For more information please contact your sales representative or email us.