

## Marley Undertile Membrane

Marley Roofing's Undertile Membrane, offers an affordable roofing underlay that performs an important function in preventing excessive pressure build-up inside the roof during wind gusting.

In addition, it provides a safeguard against possible rainwater penetration in extreme conditions and acts as a safeguard against dust penetration.



PRODUCT CODE: 4069463 MARLEY WHITE UNDERTILE MEMBRANE

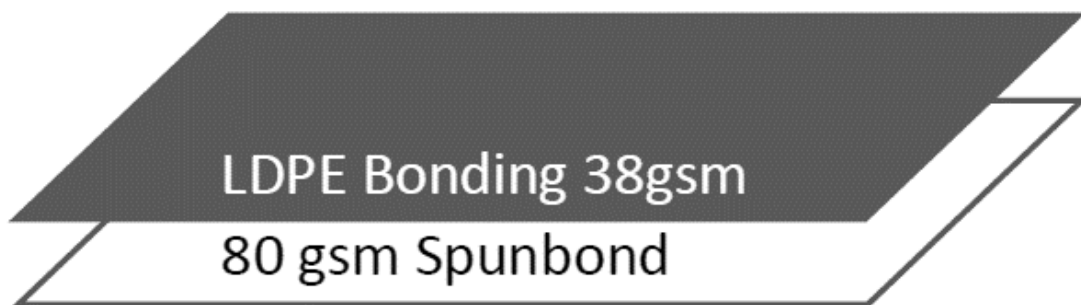
APPLICATION: Residential

**ADVANTAGES:**

- > Agrément South Africa: 2014/469 Certification
- > Occupancy Classification - SANS 10400: Table 1 of regulation A20 (1)
- > Adheres to SANS 10177-10 fire rating
- > Reduce air leakage and ingress to the roof space of wind

**PRODUCT DESCRIPTION:**

2 Layers laminate made up of 38 gsm LDPE Bonding and 80 gsm Spunbond

**PRODUCT STRUCTURE:**

**TECHNICAL INFORMATION:**

**UNDERTILE** Membrane

AGREEMENT SOUTH AFRICA CERTIFICATE: 2014/469  
 FIRE PERFORMANCE CLASSIFICATION: SANS 10177 - 10  
 OCCUPANCY CLASSIFICATION (SANS 10400: TABLE 1 OF  
 REGULATION A20(1))



Dimensions: 1.5m x 30m  
 Coverage: 45m<sup>2</sup> (nom. area)  
 Mass per Unit Area: 118 gm<sup>2</sup>

CALL 010 600 0284  
 EMAIL info@marley.co.za  
 OR VISIT www.marleyroofing.co.za

Manufacturer: Novara Profile Extrusions (PTY) LTD  
 T/A Gundle API  
 UT WOVEN ROOF TILE UNDERLAY



**UT WOVEN®**  
 Agreement Certificate 2014/469



For more information scan  
 the QR code or visit:  
[www.marleyroofing.co.za](http://www.marleyroofing.co.za)

**INSTALLATION INSTRUCTIONS**

1. The membrane is installed horizontally across the rafters, starting at the eaves, with each subsequent layer overlapping the lower layer by 150mm (minimum), with the overlapping line of 150mm facing upwards.
2. The membrane is tacked to the trusses with sufficient galvanised clout nails to secure the membrane in position until the battens are installed on top of the Marley Undertile Membrane.
3. The membrane between the trusses must be sufficiently taut, while allowing a shallow trough to facilitate run-off should rain water penetrate the tiles.
4. At the eaves it is important that the membrane is taken from under the second-last tiling batten over the tiling batten to prevent ponding of water.
5. Tiling battens should be installed as soon as possible to prevent damage to the membrane by wind, and roof tiles placed to minimise exposure to the sun.



| Property                            | Unit                  | Typical Value |
|-------------------------------------|-----------------------|---------------|
| Form                                | -                     | Roll          |
| Length                              | -                     | As per label  |
| Width                               | mm                    | 1500          |
| Thickness, min                      | µm                    | 400           |
| Mass per Unit Area                  | gm <sup>2</sup>       | 118           |
| Tensile Properties                  |                       |               |
| a) Breaking Strength, min           | N/mm of width         | 2.16          |
| b) Elongation at break, min         | %                     | 50            |
| Puncture Resistance min             | N/mm of thickness     | 29            |
| Tear Strength                       | N/mm of thickness     | 65            |
| Resistance to accelerated aging     |                       |               |
| Retention, min                      |                       |               |
| a) Breaking Strength                | %                     | 90            |
| b) Elongation at break              | %                     | 90            |
| Resistance to accelerated weather   |                       |               |
| Retention, min                      |                       |               |
| a) Breaking Strength                | %                     | 89            |
| b) Elongation at break              | %                     | 80            |
| Water Vapour Transmission Rate, max | g/m <sup>2</sup> .24h | 12.2          |

**STORAGE:**

Marley Undertile Membrane should be stored in a clean, dry environment and should not be exposed to direct sunlight.

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4. At the eaves it is important that the membrane is taken from under the second-last tiling batten over the tilting batten to prevent ponding of water.
5. Tilting battens should be installed as soon as possible to prevent damage to the membrane by wind, and roof tiles placed to minimise exposure to the sun.

**CONTACT DETAILS:**

Call: 010 600 0284

Email: [info@marley.co.za](mailto:info@marley.co.za)Web: [www.marleyroofing.co.za](http://www.marleyroofing.co.za) or scan QR code below:

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<https://www.facebook.com/MarleyRoofingZA><https://www.linkedin.com/company/27058241/>**MANUFACTURER:**

Novara Profile Extrusions (PTY)LTD T/A Gundle API

UT WOVEN ROOF TILE UNDERLAY REF.CD 068/001

**Gundle**<sup>®</sup> **UT WOVEN**<sup>®</sup>  
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