

Marley Eco-Tuff Barge Board

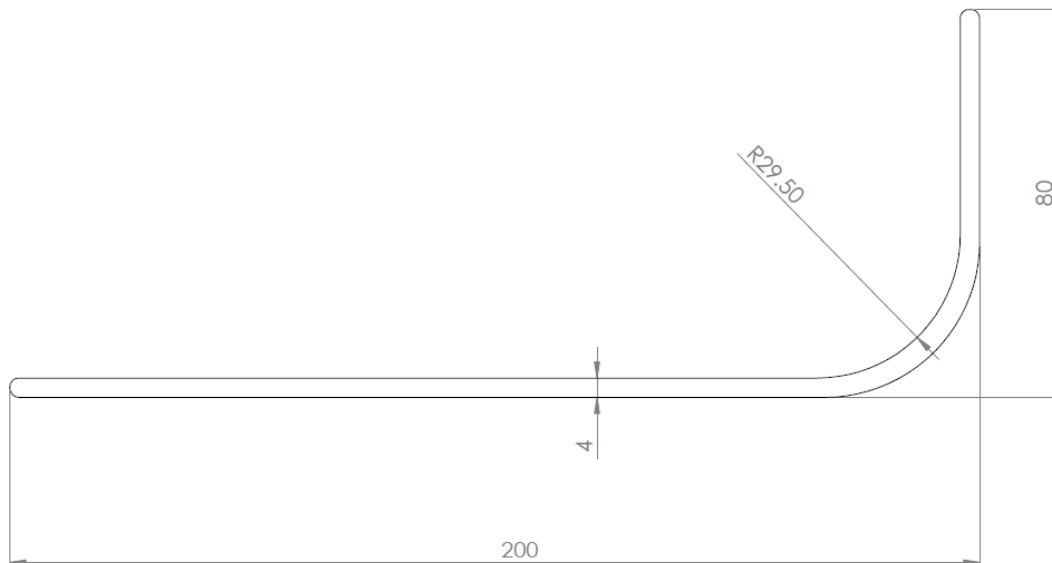
Exceptionally tough, UV resistant, lightweight and recyclable - our new Eco-Tuff Barge Boards provide superior strength whilst taking care of our environment!



AGRÉMENT
SOUTH AFRICA
innovative construction product assessments

CERTIFICATE 2017/559
*updated 2019

CERTIFIED QUALITY!

**PRODUCT DESCRIPTION:**

UV Stabilised Wood Composite consisting of a blend of PVC and Wood Flour. The PVC is non-lead stabilised and therefore not toxic.

APPLICATION: Residential or commercial

ADVANTAGES:

- > Agrément Approved
- > Superior strength – significant reduction in breakages
- > Superior weathering – extreme UV and water resistant
- > Light weight – approximately 40% lighter than conventional fibre cement barge boards of equal dimensions
- > Eco friendly – made from PVC/Wood composite utilising recycled materials
- > Buy back off-cuts – Marley Roofing will buy back off-cuts to be recycled in the production process
- > Conforms to SANS 803
- > Tailor-made lengths – no joiners, result in labour and material cost savings
- > Paintable – no primer required if surface is sanded prior to applying a good quality roof paint.

Top Tip! Try either Marley M11 Ultra with a 10-year guarantee or Marley M22 Ultimo with a 15- year guarantee on Marley Eco-Tuff Barge and Fascia Boards.

PRODUCT CODE, SIZE AND WEIGHT

> 4069646 MARLEY ECO-TUFF BARGE 3000mmx80mmx200mm 5.5kg

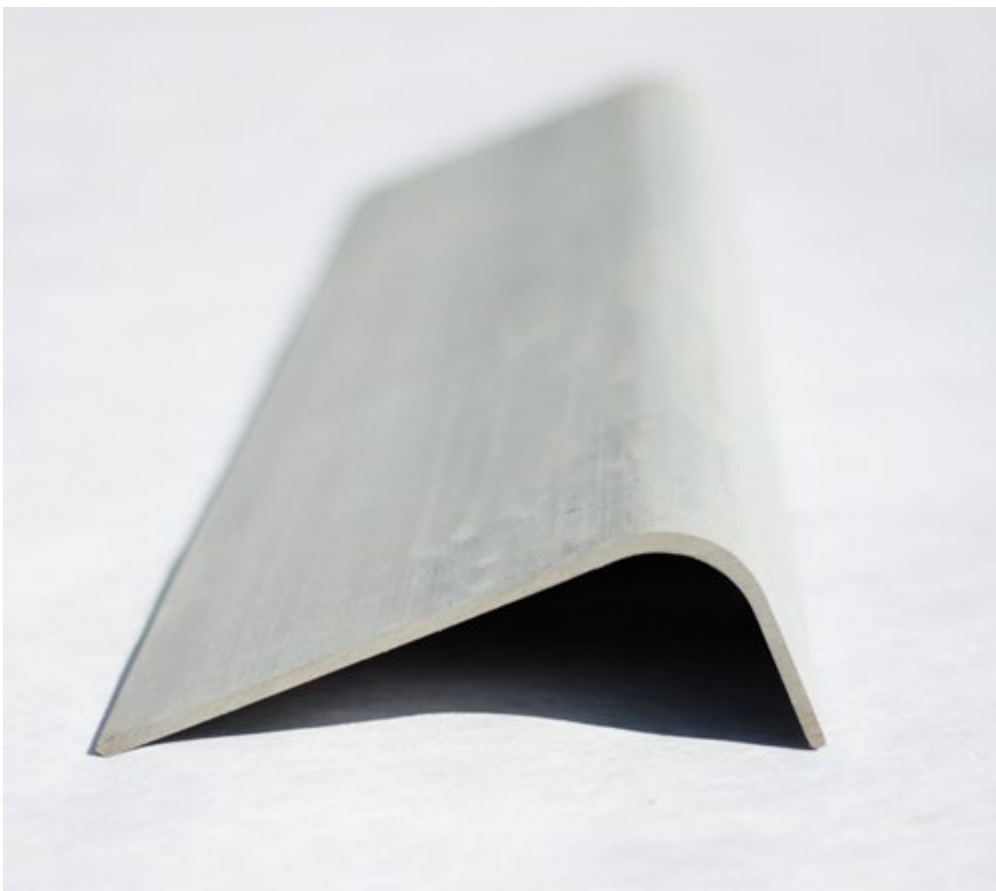
> 4069647 MARLEY ECO-TUFF BARGE 4000mmx80mmx200mm 7.4kg

> 4069649 MARLEY ECO-TUFF BESPOKE LENGTH >1000mm

*Bespoke (Tailor-made) lengths available for orders above 200 units

> 4069682 MARLEY ECO-TUFF BARGE RETURNS

*Marley Roofing will purchase back any off-cuts for R2 per 1kg supplied



TECHNICAL INFORMATION:**> Break Strength**

SANS803	Minimum Required	Eco-Tuff Barge Result
Modulus of Rupture (MPa)	6.3	42.69

The break strength of the barge boards exceeds the requirements of SANS 803.

> Fire Retardancy

PVC is a self-extinguishing polymer, and therefore the product will not propagate fire.

> UV Stability

The product is UV stabilised through the addition of UV blocking agents. PVC is also a well-known polymer used in the building industry for exterior applications.

> Expansion

SANS803	Maximum Allowed	Eco-Tuff Barge Result
Linear Expansion (%)	0.4%	0.3%

Linear expansion for temperature and water has been tested and conforms to the requirements of SANS 803.

INSTALLATION GUIDELINE:

Due to the composite containing natural wood, the holes for fixation should be pre-drilled 2mm larger than the intended screws or nails that will be used to allow for expansion and contraction.

The product is meant to be painted upon installation to prevent unnecessary expansion and contraction especially in Climatic Zones with high humidity! Before painting, lightly sand the surface to provide a good adhesion, followed by the application of a good quality roof paint. No primer is required, if surface preparation as per above are followed.

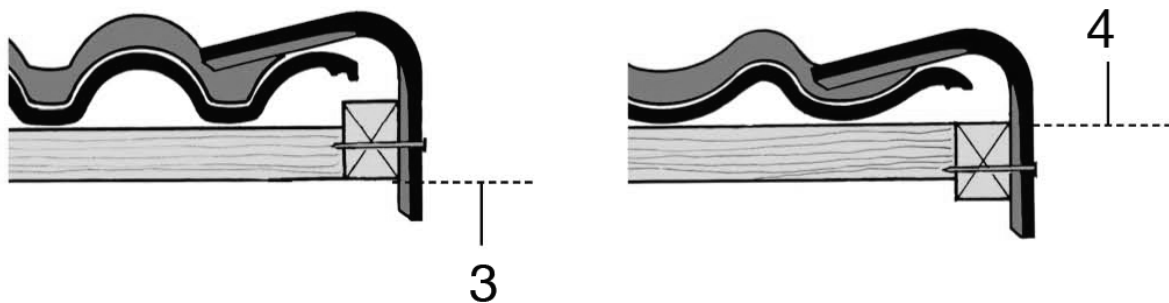
In Climatic Zones where there is knowledge of the occurrence of high wind gusts and severe lifting forces (i.e., certain coastal areas, highveld storm areas, wind funnelling or other effects), it is advised to use a washer with screw as minimum fixing specification to prevent pull-out of the fastener.

DETAIL – ECOTUFF BARGE COUNTERBATTEN POSITION

Barge counter battens must always be 38mm x 50mm fitted on edge to the ends of the tiling battens at roof ends/ gable ends.

With reference to point 3 - With deep-contoured profiles, such as Marley Monarch, the barge counter batten must be fixed level with the bottom edge of the tiling battens.

With reference to point 4 – With other profiles, such as the Marley Double Roman, Double Roman Plus, Ludlow, Modern and Homestead, the barge counter batten must be fixed level with the top edge of the tiling battens.



CONTACT DETAILS:

Call: 010 600 0284

Email: info@marley.co.zaWeb: www.marleyroofing.co.za or scan QR code below:

Follow us:

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

Marnowa Tech (Pty) Ltd 2021