

## Marley Eco-Tuff Barge Board

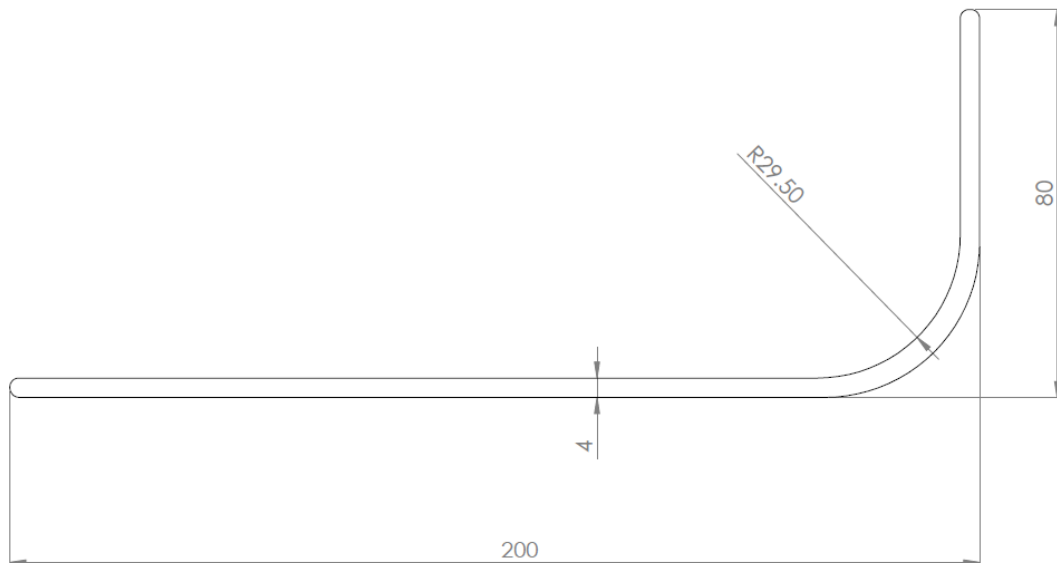
Exceptionally tough, UV resistant, lightweight and recyclable - our new Eco-Tuff Barge Boards provide superior strength whilst taking care of our environment!



**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
- > 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 painting, wiped with damp cloth and finished with Marley M22 Ultimo Multi-surface paint.

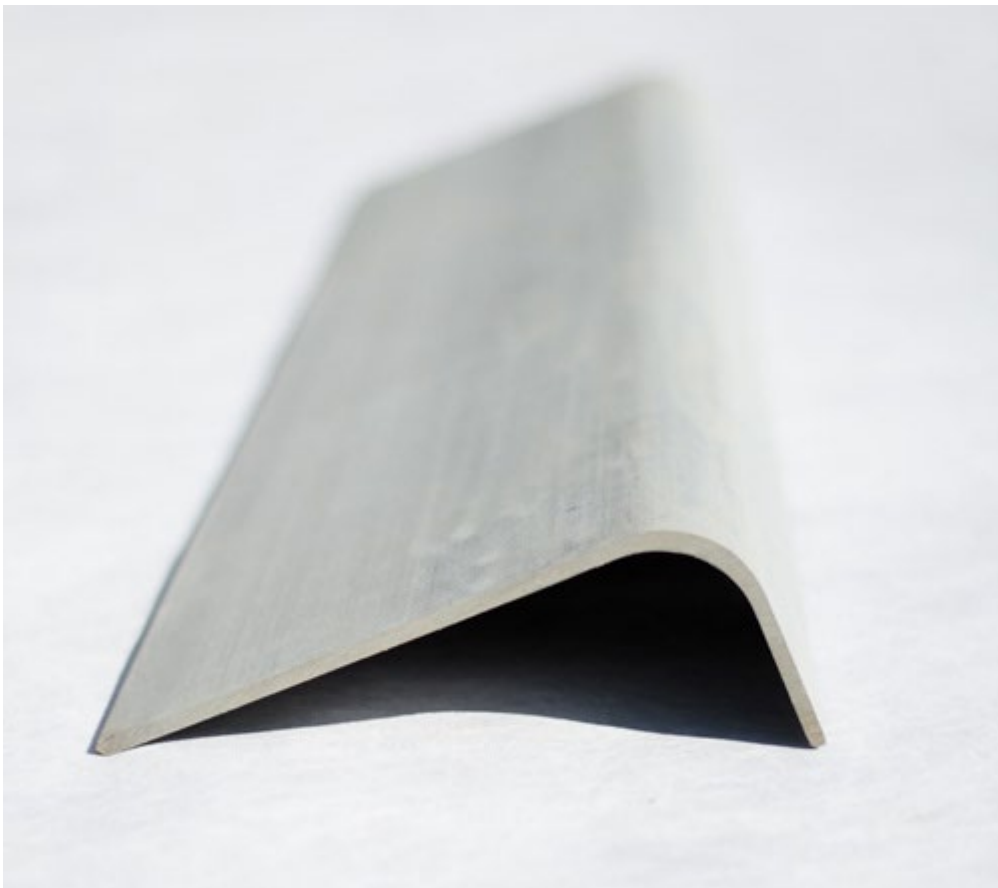
**PRODUCT CODE, SIZE AND WEIGHT**

> 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



**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 which expands and contracts, the holes for fixation should be pre-drilled at 19mm and fixed with a 32mm washer and suitable screw that will fit the diameter of the washer to allow movement of the eco-tuff product.

To ensure a good aesthetic and to seal and protect the eco-tuff product, the surface must be lightly sanded, wiped with a damp cloth and then painted with two coats of Marley M22 Ultimo Multi-surface Paint. Ensure that predrilled holes and cuts made to the product is also coated with Marley M22 Multi-surface Paint.

View this YouTube video on how to paint Eco-Tuff product: <https://youtu.be/qn-hTNwhzeY>

Before fixing, washers and the heads of the screws must be spot primed with Marley Zinc Phosphate Water-based Primer. Once fixed, finish with two coats of Marley M22 Ultimo Multi-surface paint.

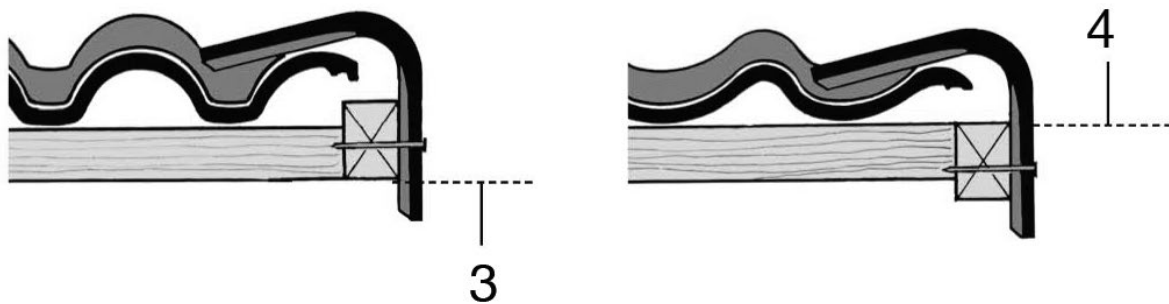
In Climatic Zones where there is knowledge of the occurrence of high wind gusts and sever lifting forces (i.e. certain coastal areas, highveld storm areas, wind funnelling or other effects), the washer with screw as minimum fixing specification should also prevent pull-out of the fastener.

## 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:**

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