

*THIS DATASHEET SUPERSEDES ALL PREVIOUS VERSIONS

TEST: AGREMENT SOUTH AFRICA: RWPA BUILDING SYSTEMS. CERTIFICATE 2017/559 *updated 2019

(Please note: no SANS standard exists for wood composite, hence tested in accordance with SANS 803 for Fibre Cement products)

Marley Eco-Tuff Fascia Board

Exceptional flexural strength and options for tailor-made lengths, our new Eco-Tuff Fascia Boards completes our superior range of Eco-Tuff finishing products that are virtually breakage-free, whilst taking care of the environment!





MARLEY TECHNICAL DATASHEET: ECO TUFF FASCIA BOARD

VERSION: 3. 19_11_2024

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PRODUCT DESCRIPTION:

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

APPLICATION: Residential or commercial

ADVANTAGES:

> Superior strength –** approx. 50% stronger than 12mm and 200% stronger than 10mm fibre cement fascia boards. ** Inhouse strength test – contact Marley Roofing for more information

- > Superior weathering extreme UV and water resistant
- > Eco friendly made from PVC/Wood composite utilising recycled materials
- > Agrément Approved
- > 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 Marley M22 Ultimo Multi-Surface Paint



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PRODUCT CODE, SIZE AND WEIGHT

> 4073305 Marley Eco-Tuff facia 3600mmx225mmx8mm	6.84kg
> 4073304 Marley Eco-Tuff Facia 3000mmx225mmx8mm	5.70kg
> 4074964 Marley Eco-Tuff Facia 3000mmx150mmx8mm	4.98kg

ACCESSORIES

> 4073898	Marley Eco Joiner Facia Straight 10 x 225mm
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> 4073899 Marley Eco Joiner Barge SM 80 x 200mm

NO JOINER OPTION

For a more pleasing aesthetic and option to save additional labour and joiner accessory costs, please note that we offer tailor-made lengths.

> ECO-TUFF FASCIA TAILOR-MADE LENGHTS ** available on request, manufacturing lead time 3-4 weeks, terms & conditions apply – please contact your Marley Roofing Representative.

TECHNICAL INFORMATION:

> Manufacturing process

The product is manufactured through a compounding and extrusion process. The only emission generated during the manufacturing process is steam.

> Break Strength

SANS803	Minimum Required	Eco-Tuff Barge Result
Modulus of Rupture (MPa)	6.3	41.67

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

> Fire Retardancy

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



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> 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%	0.2%

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: <u>https://youtu.be/qn-hTNwhzeY</u>

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.



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CONTACT DETAILS:

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Email: info@marley.co.za

Web: <u>www.marleyroofing.co.za</u> or scan QR code below:



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MANUFACTURER:

Agriligna (Pty) Ltd 2018