

# NøwaBarge Board 2.0



4mm Thick

3000mm x 80mm x 200mm

4000mm x 80mm x 200mm

Tailor-made lengths available on request.

## nøwatech SUPREME STRENGTH

MADE FROM RECYCLED MATERIALS

RESILIENT 100%

PROVEN 100%

TRUSTED 100%

### Who is Nowa Tech?

Nowa Tech (Pty) Ltd is an established South African wood polymer composite (WPC) manufacturer, with exceptional experience in the use of polyvinyl chloride (PVC) technology.

Our passion for the planet and its people fuelled our rigorous research, development and field testing, to launch the only locally manufactured PVC WPC product range for building applications.

With two decades of demonstrated quality in installations and experience in PVC WPC, we can confidently deliver on our ten-year guarantee. We believe in continuous improvement through innovation, and we consistently invest in research and development to provide enhanced products to our customers.

Our products deliver solutions that are durable, environmentally friendly, and most of all, optimise our customers' project costs, reducing wastage and saving time. From building and home improvement products through to the public and transport sectors, we deliver smartly.

Nowa Tech provides long-lasting products to our customers while fostering an unwavering focus on restoring a sustainable environment for all of us and future generations.

Nowa Tech (Pty) Ltd  
Contact us on

T +27 876 100 866

E [connect@nowatech.green](mailto:connect@nowatech.green)

# NøwaBarge Board 2.0



## APPLICATIONS

- COMMERCIAL
- RESIDENTIAL
- INDUSTRIAL



GREEN



STRONG



LIGHT WEIGHT



MOISTURE RESISTANT



FIRE RETARDANT



UV STABLE

<b>Break strength</b> SANS803	Minimum Requirement	NowaBarge Result
Modulus of Rupture (MPa)	6.3	42.69

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



### Fire Retardancy

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



### UV Stability

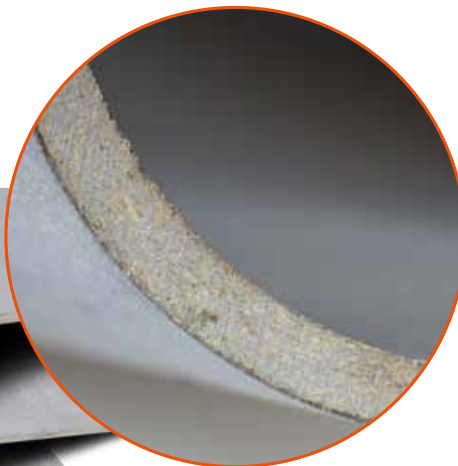
The product is UV stabilised. PVC is a well-known polymer used in the building industry for exterior applications. The product is meant to be painted.

<b>Expansion</b> SANS803	Maximum Allowed	NowaBarge Result
Linear Expansion (%)	0.4%	0.3%

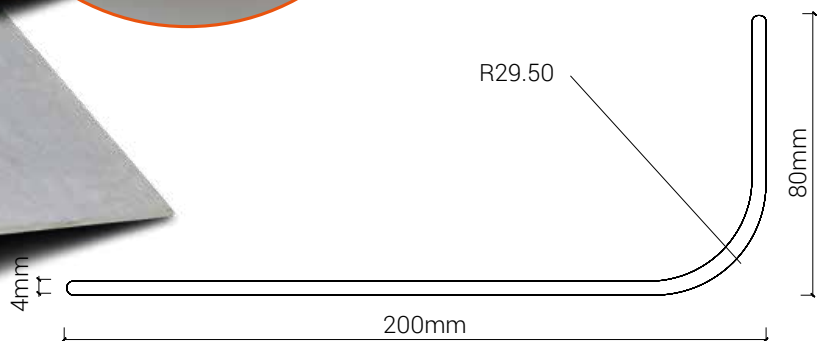
*Linear expansion for temperature and water has been tested and conforms to the expansion requirements of SANS 803.*



CERTIFICATE 2017/559



MADE FROM RECYCLED MATERIALS



# NøwaBarge Board 2.0



4mm Thick

3000mm x 80mm x 200mm

4000mm x 80mm x 200mm

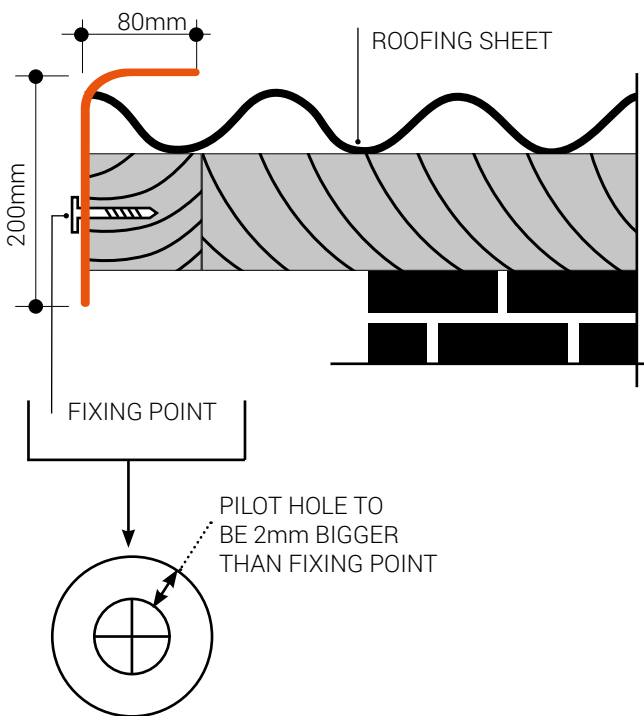
Tailor-made lengths available on request.

**Follow the below NowaBarge Board installation instructions to ensure correct installation.**

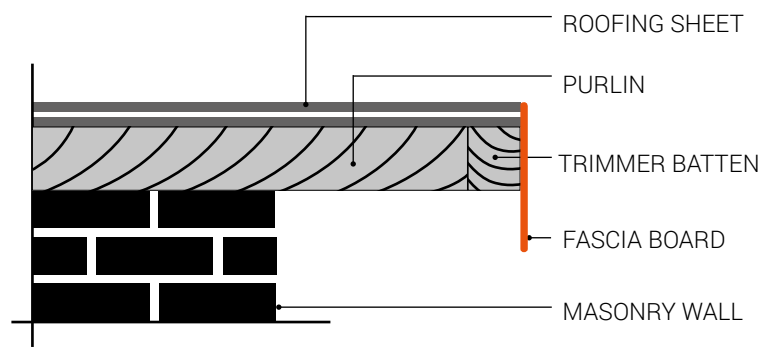
For technical instructions contact Nowa Tech (Pty) Ltd, on [connect@nowatech.green](mailto:connect@nowatech.green)

<b>Preparation:</b>	Ensure that rafter ends, purlins and/or battens are correctly aligned and trimmed prior to installation.
	Incorrect alignment will affect the final appearance of the NowaBarge Boards.
<b>Installation:</b>	Align the top of the NowaBarge Board, following the required angle of the roofline, and fix the top first.
	Align the base of the NowaBarge Board following the required angle of the roofline and then fix the base.
	Middle points can now be fixed at regular intervals, ensuring an even straight finish.
<b>Joins:</b>	Joins should be made in between fixation points.
	NowaBarge Boards are compatible with universal fixing and finishing accessories.
<b>Paint:</b>	NowaBarge Boards must be painted using 2 coats of good quality roof paint.
	Plaster primer is not required.
<b>Fixation:</b>	Due to the nature of PVC WPC, pilot holes are required to allow for expansion and contraction.
	Pre-drill pilot holes 2mm larger than the intended fixation nail, screw or bolt.
<b>Storage:</b>	Washers should be used in wind prone regions to prevent fasteners from pulling out.
	NowaBarge Boards should be stored undercover.

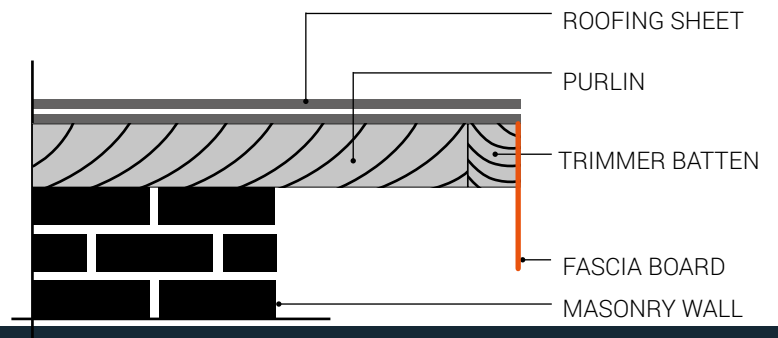
**NowaBarge Board**



**NowaFascia as a barge board Flush Fitting**



**NowaFascia as a barge board Overhanging**



SUSTAINABLE



CREATING  
JOBS



LESS  
LANDFILL



NO HARMFUL  
EMISSIONS

# NøwaBarge Board 2.0



## APPLICATIONS

- COMMERCIAL
- RESIDENTIAL
- INDUSTRIAL

Superior strength and quality wrapped up in one premium product. NowaBarge is incredibly tough, UV resistant, light-weight, green and recyclable.



GREEN



STRONG



LIGHT  
WEIGHT



MOISTURE  
RESISTANT



FIRE  
RETARDANT



UV  
STABLE



CERTIFICATE 2017/559



## Why choose NowaBarge Board?

- Environmentally-friendly PVC (Polyvinyl chloride) wood composite.
- Superior strength.
- Significant reduction in breakages.
- Boards are extremely light, weighing only 1,57kg/m.
- Superior weathering and water resistance.
- Suitable for commercial, residential and industrial applications.
- Compatible with universal barge board joiners for size 200x80mm.
- Standard lengths of 3000mm x 80mm x 200mm & 4000mm x 80mm x 200mm.
- Conforms to and exceeds the strength requirements of SANS 803 under stringent in-house testing conditions.
- Boards are locally manufactured, allowing for custom lengths on volume orders resulting in material and labour cost saving as joiners are not required – please contact our office with your requirements.
- Agrément certified.

## Why choose PVC?

PVC is one of the hardest thermoform plastics and is widely used in applications where increased rigidity, strength and endurance are required. It is inherently fire retardant and is highly recyclable. Of all the plastics used in WPC applications, PVC is the most durable, enduring and weather resistant.

\*Based on in-house calibrated equipment.

Nowa Tech (Pty) Ltd  
Contact us on  
**T +27 876 100 866**  
**E connect@nowatech.green**

Fourways Office Park  
Block 3, 1st Floor  
cnr Roos Street  
& Fourways Boulevard  
Fourways, 2055

Johannesburg, South Africa

www.nowatech.green