



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%

10
YEAR
GUARANTEE

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
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NøwaBarge Board 2.0



APPLICATIONS

- COMMERCIAL
- RESIDENTIAL
- INDUSTRIAL



GREEN



STRONG



LIGHT WEIGHT



MOISTURE RESISTANT



FIRE RETARDANT



UV STABLE

Break strength 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.

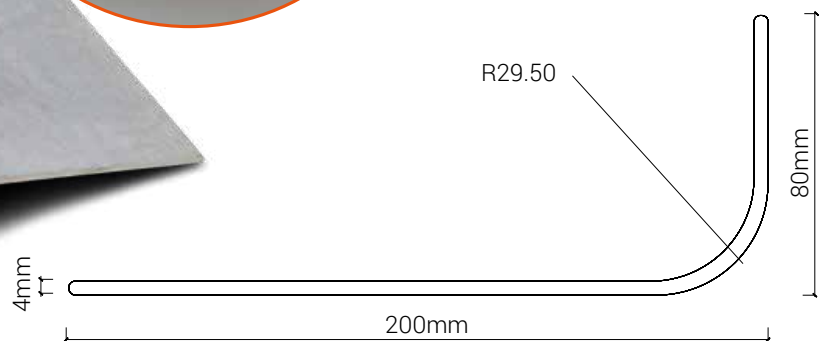
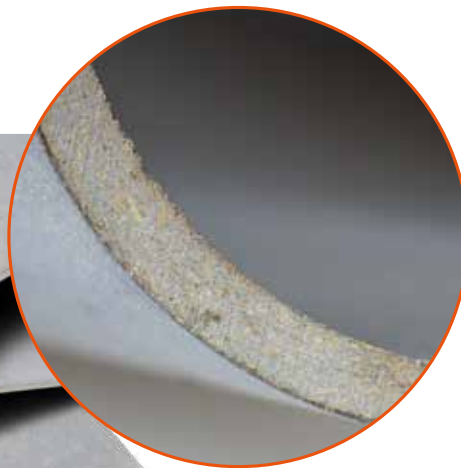
Expansion SANS803	Maximum Allowed	NowaBarge Result
Linear Expansion (%)	0.4%	0.3%

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

PROUDLY SOUTH AFRICAN

10
YEAR
GUARANTEE

MADE FROM RECYCLED MATERIALS



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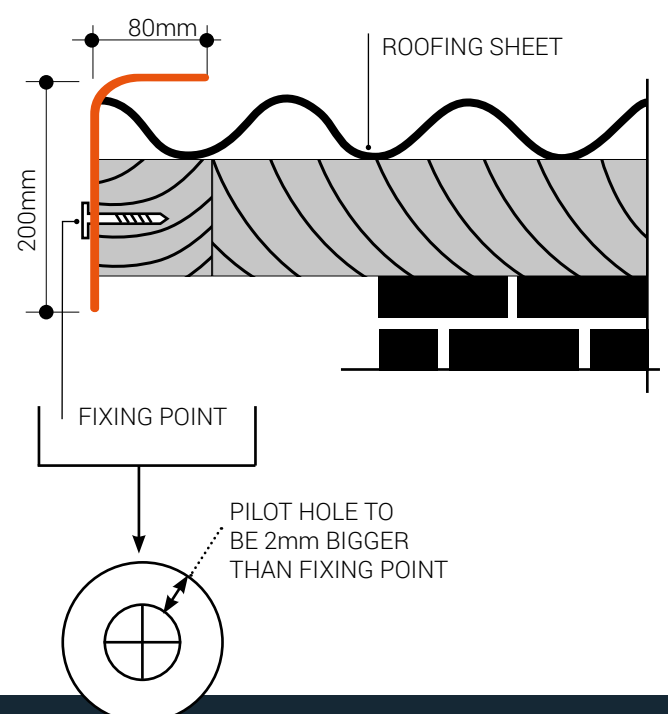
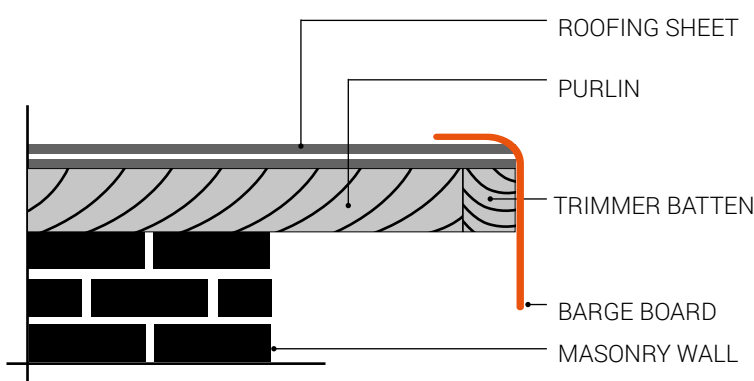
Tailor-made lengths available on request.

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

If you are unclear on installation instructions, please contact support at Nowa Tech on +27 876 100 866.

Guarantees are subject to installations conforming to Nowa Tech installation guidelines.

1. Ensure that rafter ends / purlins or battens are aligned and trimmed before installation.
2. Incorrect alignment will affect the final appearance of the NowaBarge board.
3. Pilot holes are required to allow for expansion and contraction. Pre-drill the pilot holes 2mm larger than intended fixation nail, screw or bolt.
4. NowaBarge is compatible with universal fixing and finishing accessories.
5. Align the top of the board, following the required angle of the roof line, and fix the top first.
6. Align the base of the board following the required angle of the roof line and then fix the base.
7. Middle points can now be fixed at regular intervals, ensuring an even straight finish.
8. If required, joins should be made in between fixation points.
9. Exterior side is brushed and ready for two coats of good quality roof paint – no primer required.
10. Interior side should be sanded using P60 grit removing the shiny wax layer completely prior to painting.
11. NowaBarge boards should be stored undercover as far as possible. When stored in direct sunlight, loosen any pallet strapping to allow natural expansion and contraction without distortion.



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. NøwaBarge 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 NøwaBarge Board?

- Superior strength.
- Significant reduction in breakages.
- Superior weathering and water resistance.
- Environmentally-friendly PVC (Polyvinyl chloride) wood composite.
- Suitable for commercial, residential and industrial applications.
- Compatible with universal barge board joiners for size 200x80mm.
- Brushed exterior which is ready for two coats of good quality roof paint, no primer required.
- Conforms to and exceeds the strength requirements of SANS 803 under stringent in-house testing conditions.
- Agrément certified.
- Standard lengths of 3000mm x 80mm x 200mm & 4000mm x 80mm x 200mm.
- Boards are extremely light, weighing only 1,57kg/m.
- 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.

10
YEAR
GUARANTEE

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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.

www.nowatech.green