



# Nøwatech Plank



4000mm x 25mm x 150mm

4000mm x 22mm x 110mm

Tailor-made lengths available on request.

# nøwatech SUPREME STRENGTH

MADE FROM RECYCLED MATERIALS

**10**  
YEAR  
GUARANTEE

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**

# NøwaDeck Plank



## APPLICATIONS

- COMMERCIAL
- RESIDENTIAL
- INDUSTRIAL



GREEN



STRONG



LIGHT WEIGHT



MOISTURE RESISTANT



FIRE RETARDANT



UV STABLE

### Break strength

Product	Profile Width (mm)	Profile Height (mm)	Profile length (mm)	Coverage m/m <sup>2</sup>	Mass kg/m	Joist spacing (mm)	Break strength kg/350mm
NøwaDeck150	150	25	4000	6.5	3.15	350	360
NøwaDeck110	110	22	4000	8.7	2.2	350	390



### 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.

### Expansion

#### Expansion gaps - guidelines per locality

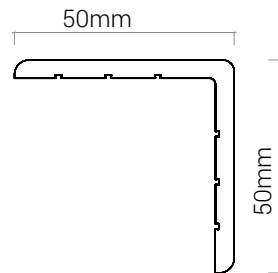
Deck locality	Inner gaps	Butt joints	Perimeter
Coastal / Lowveld	5mm	5mm	6mm
Inland / Highveld	5mm	5mm	8mm
Pool / Jacuzzi	5mm	5mm	6mm



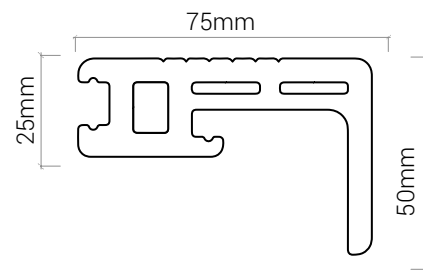
**10**  
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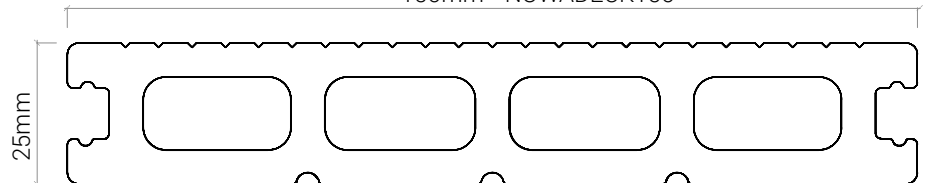
NOWACRN50  
NøwaDeck finishing corner  
4000mm x 50mm x 50mm



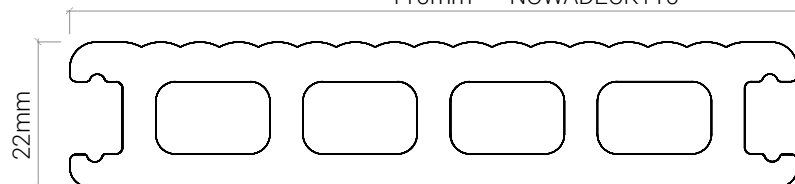
NOWADECK75  
NøwaDeck corner plank  
4000mm x 75mm x 50mm



150mm NOWADECK150



110mm NOWADECK110



# NøwaDeck Plank



4000mm x 25mm x 150mm

4000mm x 22mm x 110mm

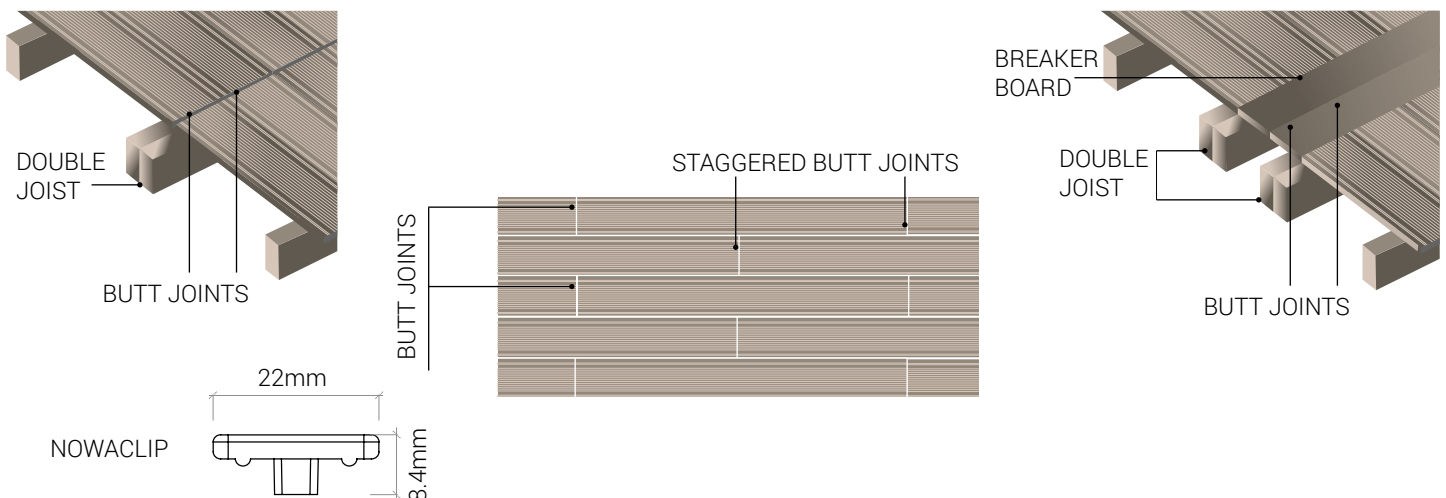
Tailor-made lengths available on request.

## Follow the below NøwaDeck Plank installation instructions to ensure correct installation.

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

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

1. Guarantees are subject to installations conforming to Nøwa Tech installation guidelines.
2. Substructure for residential use should use joist spacing at a maximum of 350mm (measured from vertical centre to vertical centre of joist) and for commercial installations at a maximum of 300mm (measured from vertical centre to vertical centre of joist). Closer spacing is better as the substructure is the foundation of the deck.
3. Ensure the intended substructure is stable and without movement, also consider the longevity of your intended substructure to compliment the lifespan of the NøwaDeck decking planks.
4. Follow building codes or consult an industry professional to ensure the correct specification of your intended substructure before installation.
5. Ensure there is sufficient ventilation and drainage below your deck to avoid moisture build-up, which can deteriorate the substructure and lead to fungal growth, rust and / or rot.
6. Expansion gaps are required to allow for natural thermal movement. Refer to the table on the left page for guidelines on expansion gaps per region.
7. Butt joints must occur on a double joist and should stagger to manage the effects of expansion and contraction. Butt joints must always be fixed using two clips per decking board meaning four clips per butt joint.
8. Breaker boards are recommended for larger decks and longer profiles as they reduce expansion gaps and enhance the deck design. Breaker boards should be installed using starter clips and should always rest on a double joist.
9. The NøwaClip must be used to fix all decking planks to the substructure. These clips allow for thermal expansion and automatically provide a 5mm internal expansion gap.
10. Don't use screws or nails through the profile of the decking plank or finishing corner as this will lead to splitting and will automatically render the guarantee as void.
11. Glue the Nøwa finishing corners to the deck profile and not the substructure, this allows the corners to move with the decking planks as they expand and contract.
12. If using NøwaDeck75 decking corner planks it is extremely important to start the installation with these perimeter boards moving inwards.



SUSTAINABLE



CREATING  
JOBS



LESS  
LANDFILL



NO HARMFULL  
EMISSIONS

# NøwaDeck Plank



## APPLICATIONS

- COMMERCIAL
- RESIDENTIAL
- INDUSTRIAL



SAVANNA

COASTAL

KALAHARI

RIVERINE

Superior strength and quality wrapped up in one premium product. NøwaDeck 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 NøwaDeck?

- It is manufactured in South Africa offering local factory support.
- Available in 2 profiles measuring 4000mm x 25mm x 150mm or 4000mm x 22mm x 110mm.
- Both profiles are available in 4 colour finishes: Savanna, Coastal, Kalahari and Riverine.
- Maintenance-free.
- No splitting or splintering when installed according to Nøwa Tech installation guidelines.
- The planks are brushed, ensuring a non-slip surface.
- Environmentally-friendly.
- Resistant to insects.
- UV stabilised for the African Sun.
- Minimal thermal expansion.
- Fire retardant.
- Moisture resistant.
- Ideal for use at the coast, around swimming pools and Jacuzzi's due to the high chemical resistance.
- Complimentary decking finishing corners and fascia boards complete the portfolio.
- After installation, there are no visible screws on the surface due to the proprietary hidden decking fixation clip, NøwaClip.

## 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.

**10**  
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