



Acupanel® Nordic Outdoors Exterior Wood Wall Panels

Technical Sheet

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Acupanel® Nordic Outdoors Exterior Wood Wall Panels

Create a refined Scandinavian look outdoors with the Nordic Outdoor Panel collection. Featuring clean lines and natural materials, these slatted panels bring modern, architectural design to façades, terraces, garden rooms and exterior feature walls.

Made from thermally modified wood, the range offers a choice of backing options, including wood, stone wool, and aluminium, with selected panels available in a fire-rated b-s2, d0 solution. Designed for durability and minimal maintenance, Nordic Outdoor Panels combine performance and style for long-lasting outdoor spaces with a distinctive Scandi vibe.



Fire rating

The Nordic Outdoor FR Pro and Nordic Outdoor FR Pro Aluminium are both fire-rated to a b - s2, d0 standard, and are perfect for large, commercial facades.



Care and maintenance

As the wood is naturally resistant to fungi, they require very little maintenance. A light cleaning with lukewarm water and mild soap is recommended. Please refer to our full Care & Maintenance section for more information.



Finishes

All the Nordic panels feature a thermally modified pine wood, with an aluminium-backing-only option for the Nordic FR Pro Aluminium collection.



Exterior Product

The Nordic Outdoor range is designed for exterior use. Please note the Nordic Outdoor Flex is best suited for covered outdoor areas, like pergolas or covered patios.



Residential & Commercial

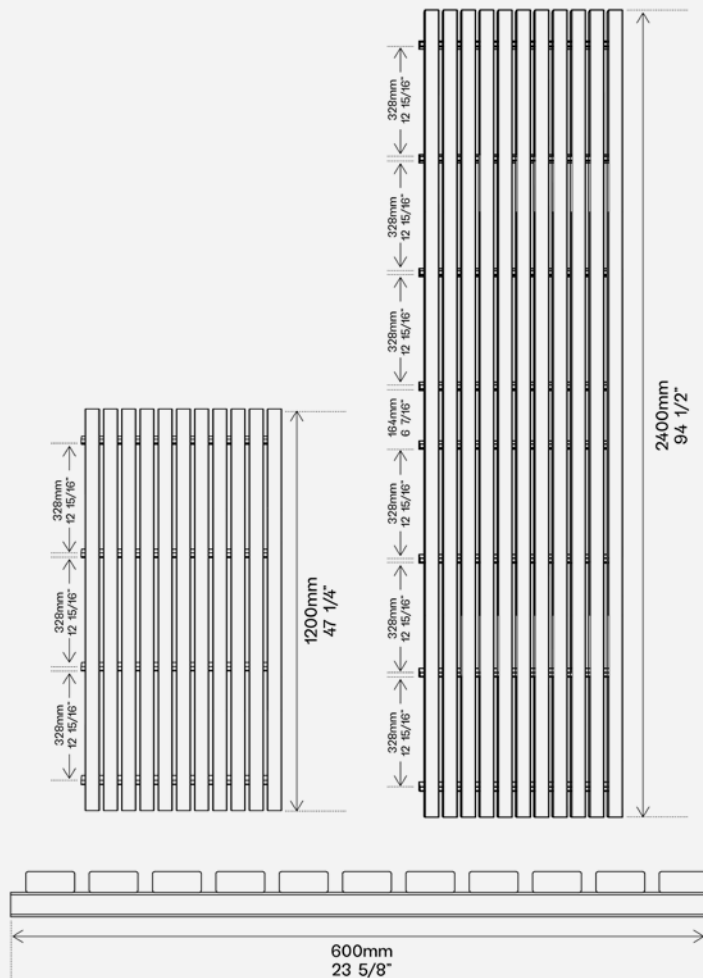
This product range is perfect for residential and commercial applications. The panels are made from FSC-certified wood and controlled materials - please contact our sales team for more information, and if you would like to purchase these with the certification.

Dimensions

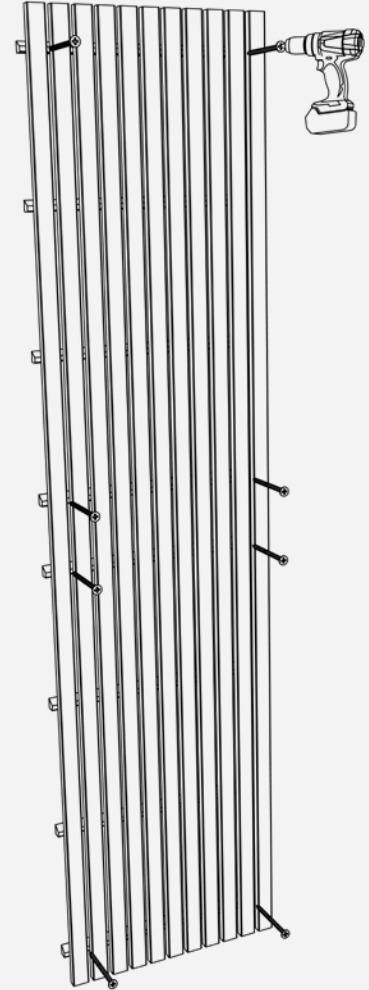
	Product Name	Material	Panel Dimensions (mm)	SQM per panel (m²)	Weight per piece (kg)
	Acupanel® Nordic Outdoors Flex Exterior Wood Wall Panels	Thermally modified pine wood	1200(H) x 600(W) x 36(D)	0.72	5.38
			2400(H) x 600(W) x 36(D)	1.44	10.48
	Acupanel® Nordic Outdoors Design Exterior Wood Wall Panels	Thermally modified pine wood / Black Felt PET Backing	2400(L) x 600(W) x 24(D)	1.44	9.53
	Acupanel® Nordic Outdoor Pro Exterior Wood Wall Panels	Thermally modified pine wood / Stone Wool Backing	2400(L) x 600(W) x 21(D)	1.44	16.96
			3000(L) x 600(W) x 21(D)	1.8	17.72
	Acupanel® Nordic Outdoor FR Pro Exterior Wood Wall Panels	Thermally modified pine wood / Aluminium backing	2400(L) x 600(W) x 21(D)	1.44	14.18
			3000(L) x 600(W) x 21(D)	1.8	17.72
	Acupanel® Nordic Outdoor FR Pro Aluminium Exterior Wood Wall Panels	Thermally modified pine wood / Aluminium backing	2400(L) x 450(W) x 33(D)	1.08	10.53
			3000(L) x 450(W) x 33(D)	1.35	13.16
			2400(L) x 750(W) x 33(D)	1.8	14.4
			3000(L) x 750(W) x 33(D)	2.25	17.55
	Acupanel® Nordic Outdoor FR Pro Aluminium (Backing Only)	Aluminium backing	2400(L) x 450(W) x 15(D)	1.08	3.46
			3000(L) x 450(W) x 15(D)	1.35	4.32
			2400(L) x 750(W) x 15(D)	1.8	5.76
			3000(L) x 750(W) x 15(D)	2.25	7.2

Technical Drawings: **Flex**

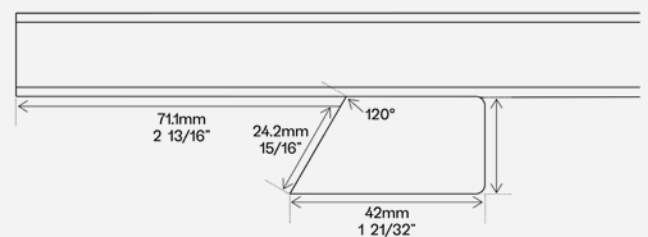
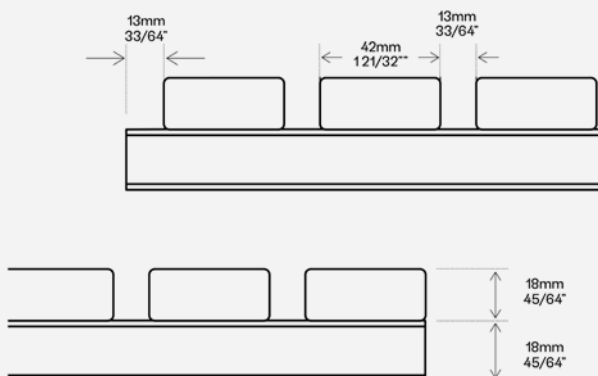
Non-batten mounted



Batten mounted

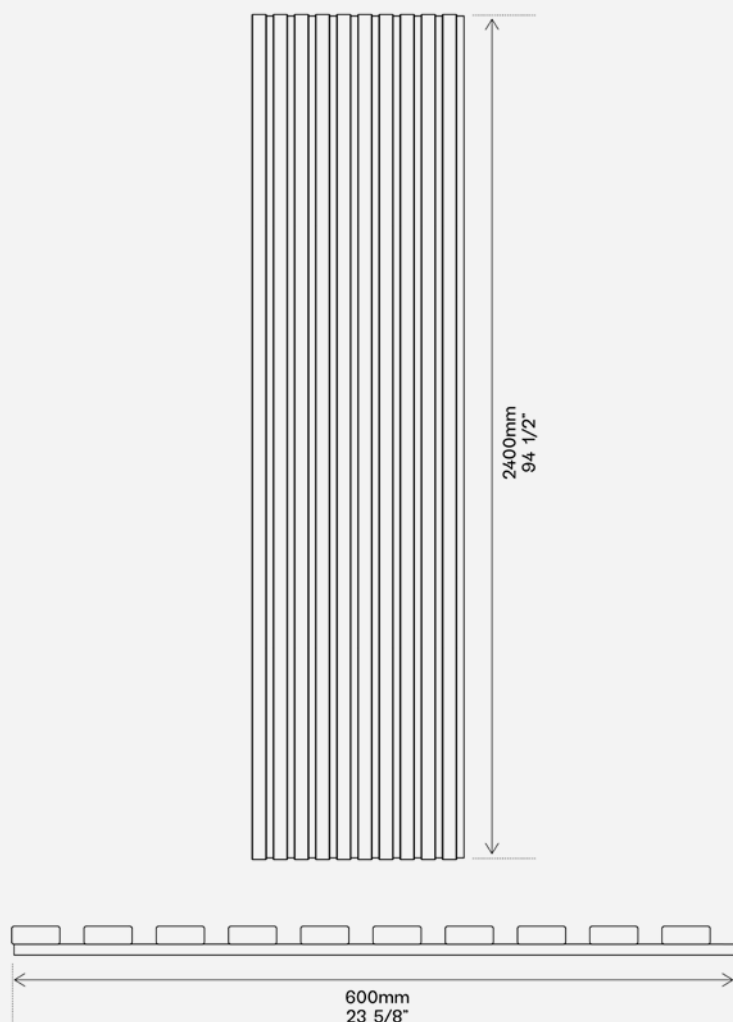


Slat Dimensions

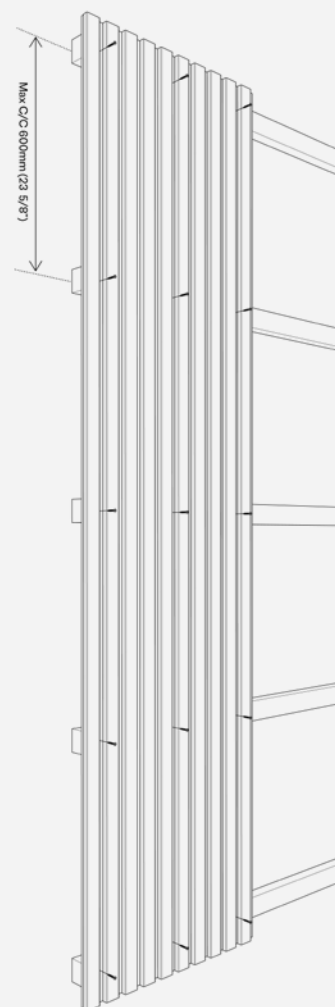


Technical Drawings: Design

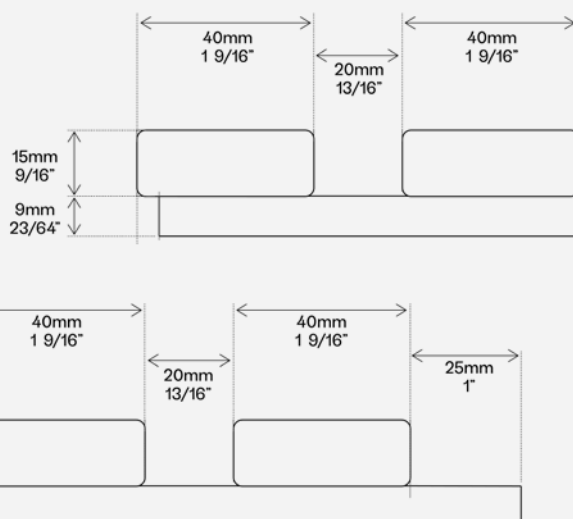
Non-batten mounted



Batten mounted

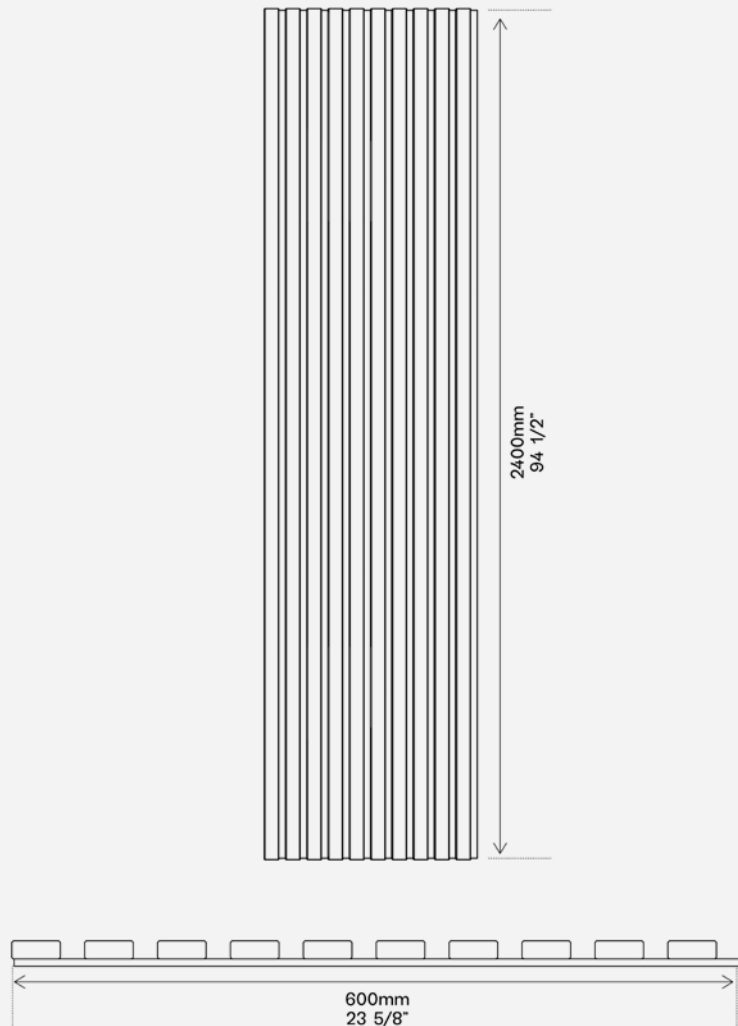


Slat Dimensions



Technical Drawings: Pro

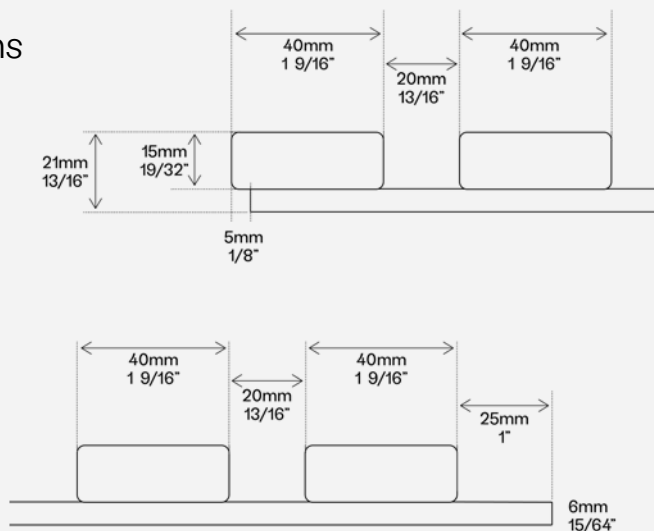
Non-batten mounted



Batten mounted

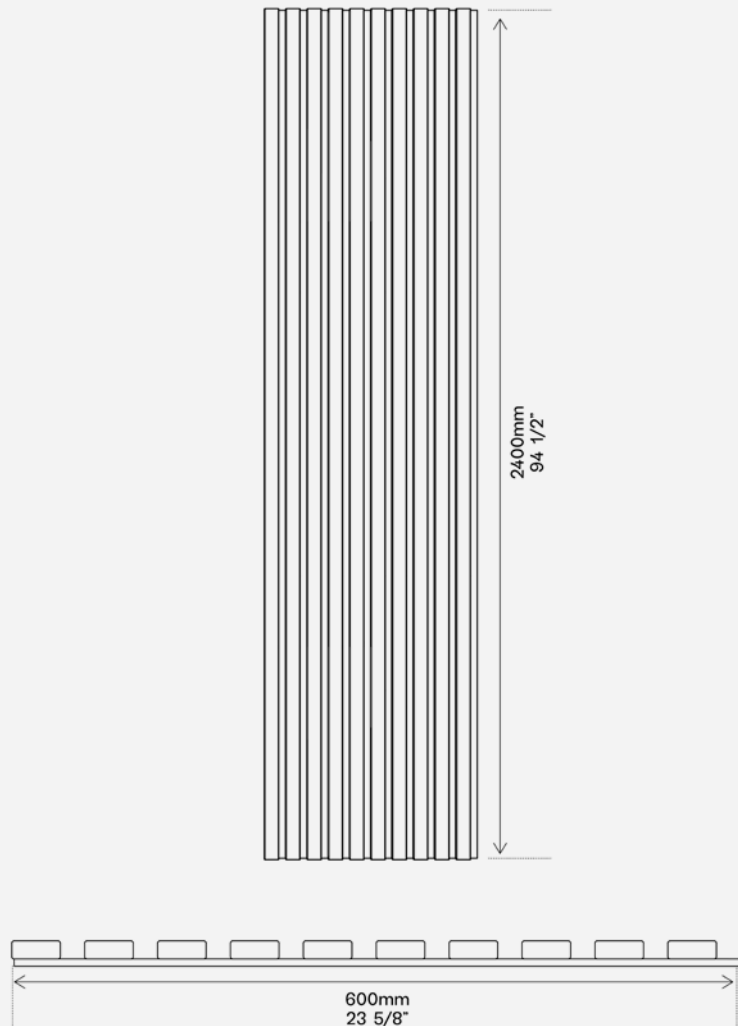


Slat Dimensions



Technical Drawings: **FR Pro**

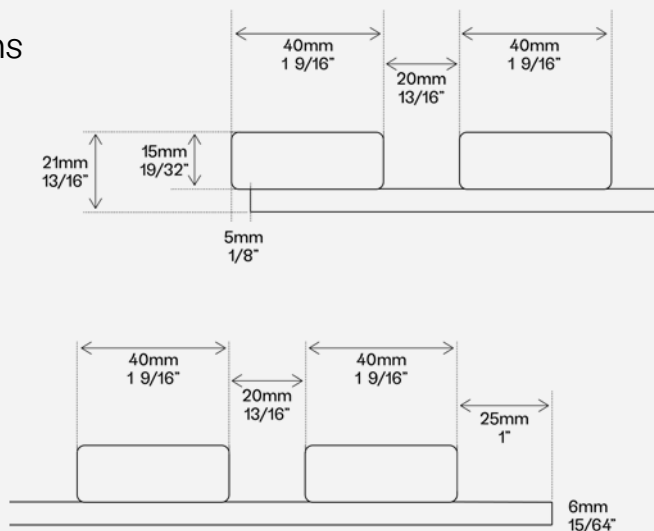
Non-batten mounted



Batten mounted

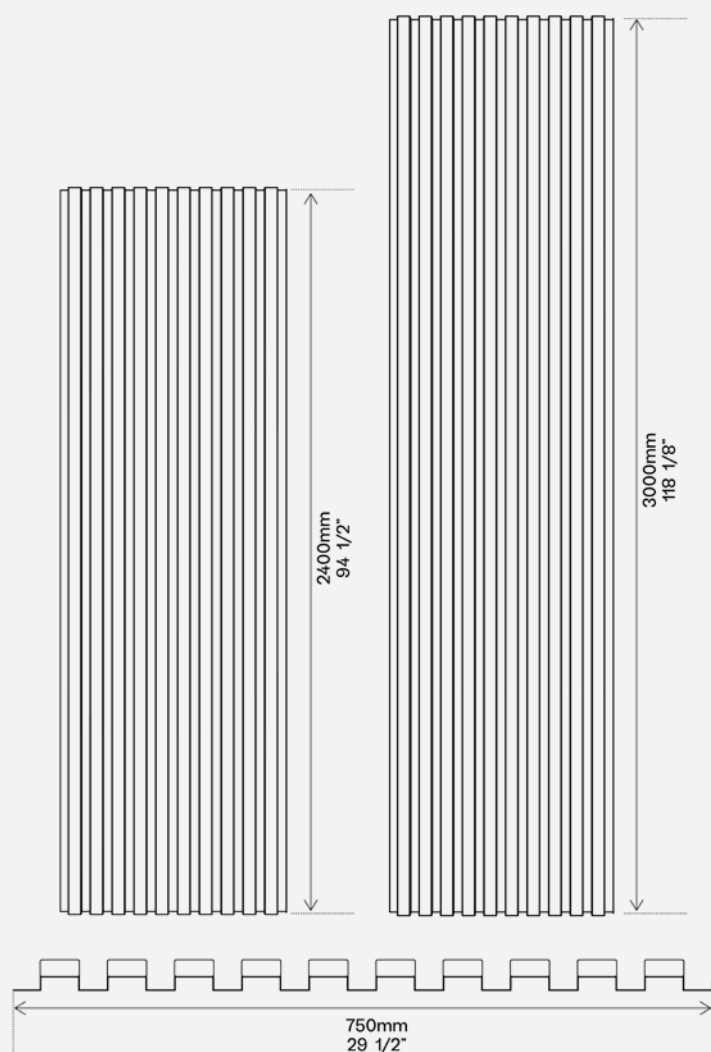


Slat Dimensions

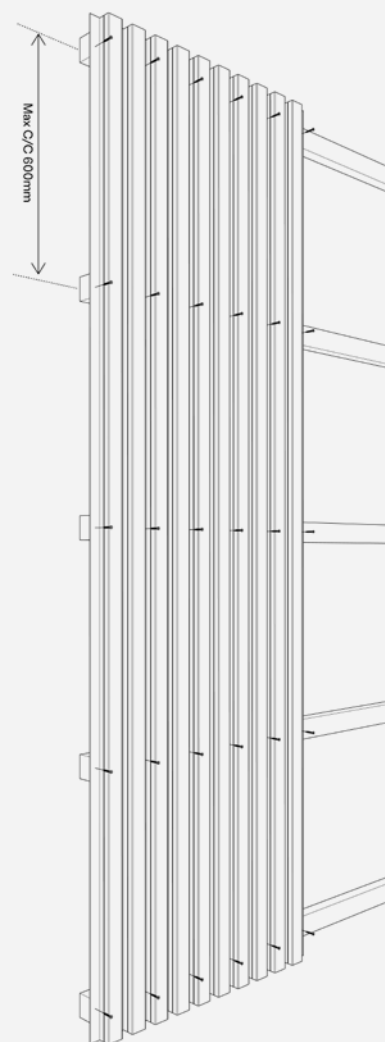


Technical Drawings: FR Pro Aluminium

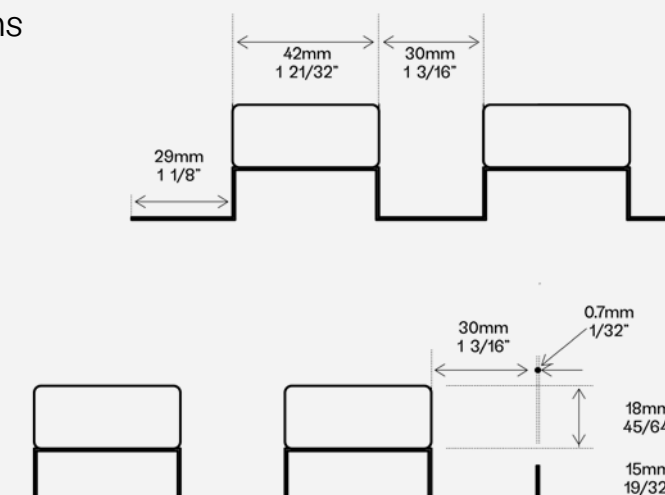
Non-batten mounted



Batten mounted



Slat Dimensions



Installation Instructions: **Flex**

How to cut the Nordic Outdoor Flex Exterior Wood Wall Panels

If you need to cut the Nordic Flex panels in width or length, we recommend using a sharp jigsaw or circular saw for a clean cut. Sand off any excess splintering as required.

Tools needed



Jigsaw or circular saw



Measuring tape



Panels



Spirit Level



Power drill



Screws or nails



Battens



Appropriate weather-proof membrane

How to install the Nordic Outdoor Flex Exterior Wood Wall Panels

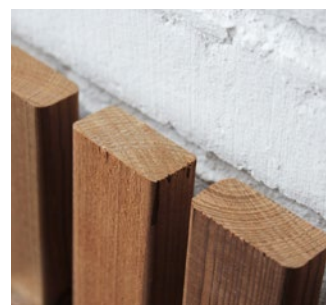
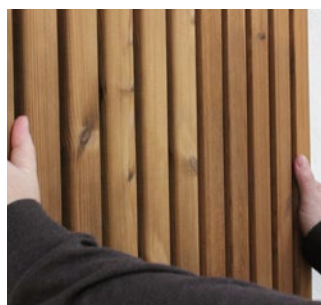
Before you begin:

There are a number of factors to consider before installing your new panelling. We have listed a number of considerations below, but we strongly recommend consulting a professional cladding installer for further advice.

- Ensure the surface you are installing on is flat, clean and free of cutting dust.
- An adequate batten support structure should be installed to fit the panels on.
- Consider environmental factors - have you allowed for drainage, and structural movements? There should be a minimum of 200mm clearance from the ground to the base of the panel.
- The panels must not be in direct contact with the ground, and clearance should be left around doors, windows and roofing, as per building regulations.
- Choose an appropriate wind barrier or membrane to protect the building from wind-driven snow, rain and dust, whilst allowing moisture to escape. This is critical to protecting your building and reducing energy loss from inside the building.

Installation:

1. Prepare your substrate and sub-structure according to the 'before you begin' section. If you are unsure of the preparation at any point, please consult a professional cladding installer. This preparation should include installing your batten system.
2. Measure your space, and cut the panels to size as required.
3. Screw the first panel into place on the batten system - we recommend pre-drilling to prevent splitting. Alternatively, ringed nails may be used to secure it in place.
4. Continue to attach the panels with screws or nails to your preference.



Installation Instructions: **Design**

How to cut the Nordic Outdoor Design Exterior Wood Wall Panels

If you need to cut the Nordic Design panels in width or length, we recommend using a sharp jigsaw or circular saw for a clean cut. Sand off any excess splintering as required.

Tools needed



Jigsaw or circular saw



Measuring tape



Panels



Spirit Level



Power drill



Screws or nails



Battens



Appropriate weather-proof membrane

How to install the Nordic Outdoor Design Exterior Wood Wall Panels

Before you begin:

There are a number of factors to consider before installing your new panelling. We have listed a number of considerations below, but we strongly recommend consulting a professional cladding installer for further advice.

- Ensure the surface you are installing on is flat, clean, stable and free of cutting dust.
- An adequate batten support structure should be installed to fit the panels on.
- Consider environmental factors - have you allowed for drainage, and structural movements? There should be a minimum of 200mm clearance from the ground to the base of the panel.
- The panels must not be in direct contact with the ground, and clearance should be left around doors, windows and roofing, as per building regulations.
- Choose an appropriate wind barrier or membrane to protect the building from wind-driven snow, rain and dust, whilst allowing moisture to escape. This is critical to protecting your building and reducing energy loss from inside the building.
- Pressure-treated timber battens must be used, either 45mm x 45mm or 45mm x 90mm sizing. These should be spaced no more than 600mm apart, and an air gap must be present between the panels and membrane.

Installation:

1. Prepare your substrate and sub-structure according to the 'before you begin' section. If you are unsure of the preparation at any point, please consult a professional cladding installer. This preparation should include installing your batten system and the windproof membrane.
2. Measure your space, and cut the panels to size as required.
3. Screw the first panel into place on the batten system, ensuring the felt-covered side is facing the batten system. Use a minimum of 15 screws per panel.
4. Continue to attach the panels with screws until you cover your space.

Installation Instructions: **Pro/FR Pro**

How to cut the Nordic Outdoor Pro/FR Pro Exterior Wood Wall Panels

If you need to cut the Nordic Pro/Pro FR panels in width or length, we recommend using a sharp jigsaw or circular saw for a clean cut. Sand off any excess splintering as required.

Tools needed



Jigsaw or circular saw



Measuring tape



Panels



Spirit Level



Power drill



Screws or nails



Battens



Appropriate weather-proof membrane

How to install the Nordic Outdoor Pro/FR Pro Exterior Wood Wall Panels

Before you begin:

There are a number of factors to consider before installing your new panelling. We have listed a number of considerations below, but we strongly recommend consulting a professional cladding installer for further advice.

- Ensure the surface you are installing on is flat, clean, stable and free of cutting dust.
- An adequate batten support structure should be installed to fit the panels on. This should be made of timber or steel, and be ventilated. The Pro range can be installed on vertical or horizontal battens.
- Consider environmental factors - have you allowed for drainage, and structural movements? There should be a minimum of 200mm clearance from the ground to the base of the panel.
- The panels must not be in direct contact with the ground, and clearance should be left around doors, windows and roofing, as per building regulations.
- Choose an appropriate wind barrier or membrane to protect the building from wind-driven snow, rain and dust, whilst allowing moisture to escape. This is critical to protecting your building and reducing energy loss from inside the building.
- Battens must be used for airflow as part of this installation. These should be spaced no more than 300mm apart, and an air gap must be present between the panels and membrane.

Installation:

1. Prepare your substrate and sub-structure according to the 'before you begin' section. If you are unsure of the preparation at any point, please consult a professional cladding installer. This preparation should include installing your batten system and the windproof membrane, with the battens installed no more than 300mm apart.
2. Measure your space, and cut the panels to size as required.
3. Screw the first panel into place on the batten system, ensuring the stone-wool side is facing the batten system. Use a minimum of 10 screws per square meter.
4. Continue to attach the panels with screws until you cover your space.
5. Optionally, install insect mesh at the top and bottom of the panels to prevent bug infestations, whilst still allowing for ventilation.

Installation Instructions:

FR Pro Aluminium

How to cut the Nordic Outdoor FR Pro Aluminium Exterior Wood Wall Panels

If you need to cut the Nordic FR Aluminium panels in width or length, we recommend using a circular saw for a clean cut. Sand off any excess splintering as required. Tin snips can be used for window cutouts and corners, or to trim any aluminium splintering.

Tools needed



Jigsaw or circular saw



Measuring tape



Panels



Spirit Level



Power drill



Screws or nails



Battens



Appropriate weather-proof membrane

How to install the Nordic Outdoor FR Pro Aluminium Exterior Wood Wall Panels

Before you begin:

There are a number of factors to consider before installing your new panelling. We have listed a number of considerations below, but we strongly recommend consulting a professional cladding installer for further advice.

- Ensure the surface you are installing on is flat, clean, stable and free of cutting dust.
- An adequate batten support structure should be installed to fit the panels on. This should be made of timber or steel, and be ventilated. The Nordic FR Aluminium must be installed on horizontal battens.
- Consider environmental factors - have you allowed for drainage, and structural movements? There should be a minimum of 200mm clearance from the ground to the base of the panel.
- The panels must not be in direct contact with the ground, and clearance should be left around doors, windows and roofing, as per building regulations.
- Choose an appropriate wind barrier or membrane to protect the building from wind-driven snow, rain and dust, whilst allowing moisture to escape. This is critical to protecting your building and reducing energy loss from inside the building.
- Battens must be used for airflow as part of this installation. These should be spaced no more than 600mm apart, and an air gap must be present between the panels and membrane.

Installation:

1. Prepare your substrate and sub-structure according to the 'before you begin' section. If you are unsure of the preparation at any point, please consult a professional cladding installer. This preparation should include installing your batten system and the windproof membrane, with the battens installed no more than 600mm apart.
2. Measure your space, and cut the panels to size as required.
3. Screw the first panel into place on the batten system, ensuring the aluminium side is facing the batten system. Use a minimum of 12 screws per square meter, and ensure they are aluminium-compatible.
4. Continue to attach the panels with screws until you cover your space.
5. Optionally, install insect mesh at the top and bottom of the panels to prevent bug infestations, whilst still allowing for ventilation.

Care & maintenance



Although the Nordic Outdoor range is designed to require minimal maintenance because of the thermally modified wood, it still will require work to retain its appearance and last a long time. External factors like the sun, weather and moisture can affect the wood over time. Here are some steps to maintain your panelling:

• Regular inspection

Routinely inspect the wood surface for any imperfections, cracks and mould build-up. Near ground level, joints and areas with limited airflow are more prone to damage, so pay extra attention to these areas.

• Surface Treatment

over time, the wood will naturally develop a silver-grey patina. This is completely normal, and is a natural process. If you want to maintain the original colour tone of the Design, Flex or Pro panels, treat the wood with an exterior wood oil or preservative that protects against UV radiation to reduce discolouration. We cannot guarantee this will prevent the colour changing completely, but this will slow down the process long-term.

Additional wood care treatments on the Flex, design and Pro may be carried every 1-2 years to enhance the beauty of the wood, and prolong its life. We recommend wood-based oils that are designed for exterior use, to prolong the life of the panels wherever possible. Do not apply any additional treatments to the FR Pro or FR Pro Aluminium, as this will compromise the fire-resistant properties of the coating.

• Regular cleaning

Use a mild wood cleaner applied with a stiff-bristle brush or sponge to clean the panels. Avoid using a pressure washer, as this may damage the wood structure, and can push water into the wood causing mould and mildew. Particular attention should be paid to areas in the shade, as mould spores prefer darker spaces to grow. The frequency of cleaning will depend on your local environment, but it's recommended to clean every 3-4 months for the Flex, Design and Pro panels to prevent excessive build-up. Longer periods of time can pass for the fire-rated options.

• Replace decaying boards

If the panels start to degrade, or if damage occurs, replace the boards as soon as possible. Leaving the damage or any mould untreated can cause it to spread to other areas, or even impact the building beneath.

Need help? Contact us:



Call customer service:

01525 851 166

Monday – Friday

9am – 5pm



Email customer service:

sales@thewoodveneerhub.co.uk



Use live chat:

thewoodveneerhub.co.uk

(Click the pop-up in the bottom right of the screen)

Monday – Friday