

WESTERN RED CEDAR



**MILL
WORKS**

TIMBER SPECIALISTS

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FEATURES

- Western Red Cedar has a long, maintenance free service life. Naturally occurring compounds and preservatives provide resistance to decay, rot & insect damage.
- Boards come in a variety of charming colours from cream & brown to salmon pink. Resulting in a clean look; suiting projects from traditional, to contemporary architecture.
- At approximately 390kg per m³, Millworks® Western Red Cedar has a low density. This lightness makes it easy to handle and a great thermal insulator.
- Cedar is very stable, due to its low density and low shrinkage factor. As a result, it resists warping, twisting and checking, making it a great choice for external exposure.

SUSTAINABILITY

Millworks® Western Red Cedar Cladding is attractive, sustainable and has exceptional performance. Slow grown in The Pacific North West of Canada and sustainably sourced from leading sawmills with a full chain of custody.



"Wood products have significantly lower greenhouse gas emissions than fossil material alternatives over the complete life cycle of the product, yielding an average saving of 1.5 to 3.5 tons of CO₂ emissions per 1 ton of wood products used." [Source](#)



CASE STUDY

CEDAR LOUVRES

Grade: No. 2 clear & better
Width: 20x143mm
Profile: MW-6

Designed by award winning Mole Architects, this stylish self build uses an interesting mix of materials to suit Western Red Cedar's silver-grey appearance. Millworks® Western Red Cedar was used for the cladding and the Louvres system for a clean and simple look.

Working to specified standards, Millworks® supplied the custom cladding system to ensure efficient installation onsite. Fastened with Millfix™ and factory coated with Organowood, a ground breaking silicone based technology, that creates a consistent silver-grey appearance on all elevations and maximises the cladding service life.

The best grade of Cedar (No 2 clear and better) was supplied in set lengths, giving a timeless, elegant finish.



Check out our latest Western Red Cedar projects here:

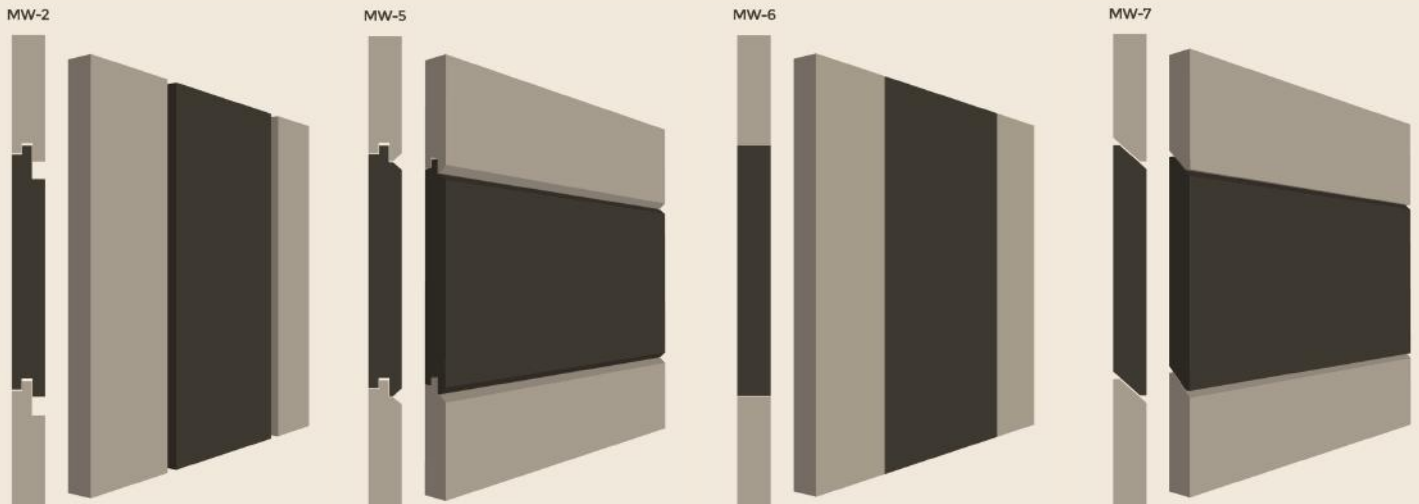
MILLFIX™ - FIXINGS

Specifically manufactured stainless-steel fixings, available in secret-fix, face-fix or clip systems, are designed for Millworks® timber cladding and decking profiles. Our fixings ensure long service life for best performance of the timber and coatings in any location. Full details available on specification data sheet.



PROFILES

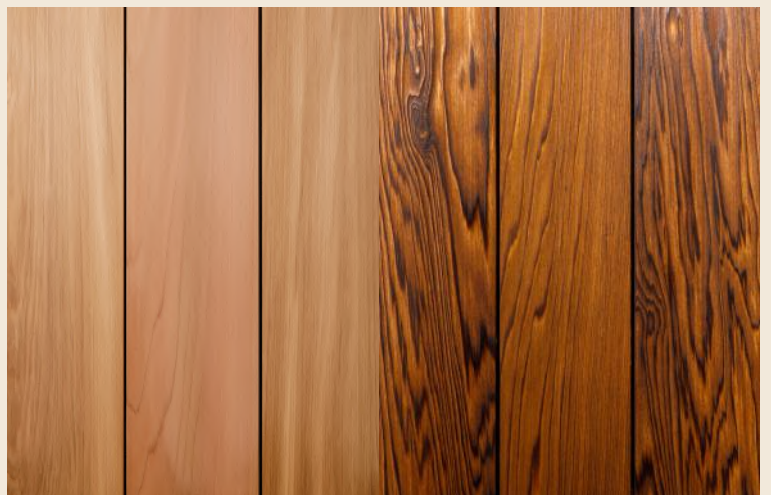
Designed and manufactured in-house using precision CAD technology. Millworks® profiles feature 3mm radius to corners, countersunk screw grooves, 9 degree slopes to all surfaces and stress-relief grooves. This enables maximum service life to coatings, increased performance and precise installation using Millfix™.



*Please note that we have only listed the most popular profiles, other standard profiles are available from stock. Custom profiles can be made in-house to specification.

SURFACE FINISHES

In addition to our standard planed finish, surface texture can be added to create accentuated depth to the timber grain. Surface textures are recommended when coatings are applied to improve performance and enable enhanced adhesion and product longevity.



Planed

Burned & Brushed



MILLCOAT™ - FINISHES

If left untreated, Millworks® Western Red Cedar will weather unevenly to a silver-grey. Although naturally durable, Cedar can be factory coated for added aesthetics and performance. Coating options include translucent UV protection or, when treated with OrganoWood®, a consistent weathering to silver-grey.

- Coatings can be applied under controlled factory conditions with Millworks® state of the art finishing line. Producing a consistent finish, all boards are coated on all 4 sides for increased durability and stability.
- When specified, TimberFRX Exterior Fire Retardant can be applied to Millworks® Western Red Cedar cladding, which complies with National Building regulations where Euroclass B or C are required.



SPECIFICATION DATA

Suitable for use on a range of building projects, including traditional and contemporary. Can be used in conjunction with Millworks® Western Red Cedar Decking (specified separately). Please note that the product will weather to a silver-grey if left untreated.



APPROVALS

- PEFC™: Certificate: PEFC/16-37-2002.
- Durability class 2 according to BS EN 350-2.

REFERENCE FEATURES

- **Millworks® Western Red Cedar Cladding**

GRADES

- Density: 390 kg/m³.
- Recommended fixings: Millfix™, Specifically manufactured stainless-steel fixings, available in secret-fix, face-fix or clip systems, are designed for Millworks® timber cladding and decking profiles. These systems can be written into the NBS H21 specification.
- No. 2 Clear and Better = High quality. Limited knots. This results in a consistent, seamless appearance.
- No. 2 Clear and Better (15% No. 4) = Combination of grades. Allows the aesthetically pleasing pieces to be prominently placed.
- No. 2 Clear and Better, Vertical Grain (VG) = Hand graded and 'quarter sawn' to produce growth rings in a vertical orientation.
- No. 4 Clear = Larger and a higher amount of knots.

PROFILES

- MW-1, MW-2, MW-5, MW-6, MW-7 and custom profiles available when specified.

TEXTURES & COATINGS

- Planed
- Burned & Brushed
- Milltex®
- Factory coated: Translucent UV Protection, OrganoWood® (consistent silver/ grey).

TRIMS

- 20 x 43mm, 20 x 93mm, 20 x 143mm, 44 x 44mm, 44 x 93mm.
- Lengths up to 4.88m.

FIRE - TREATMENT

- Fire retardant treatment (FRX Exterior). Complies with the National Building Regulations where Euroclass B or C fire performance is required.
- Coating to RAL (any colour) maintains FRX fire certification.

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