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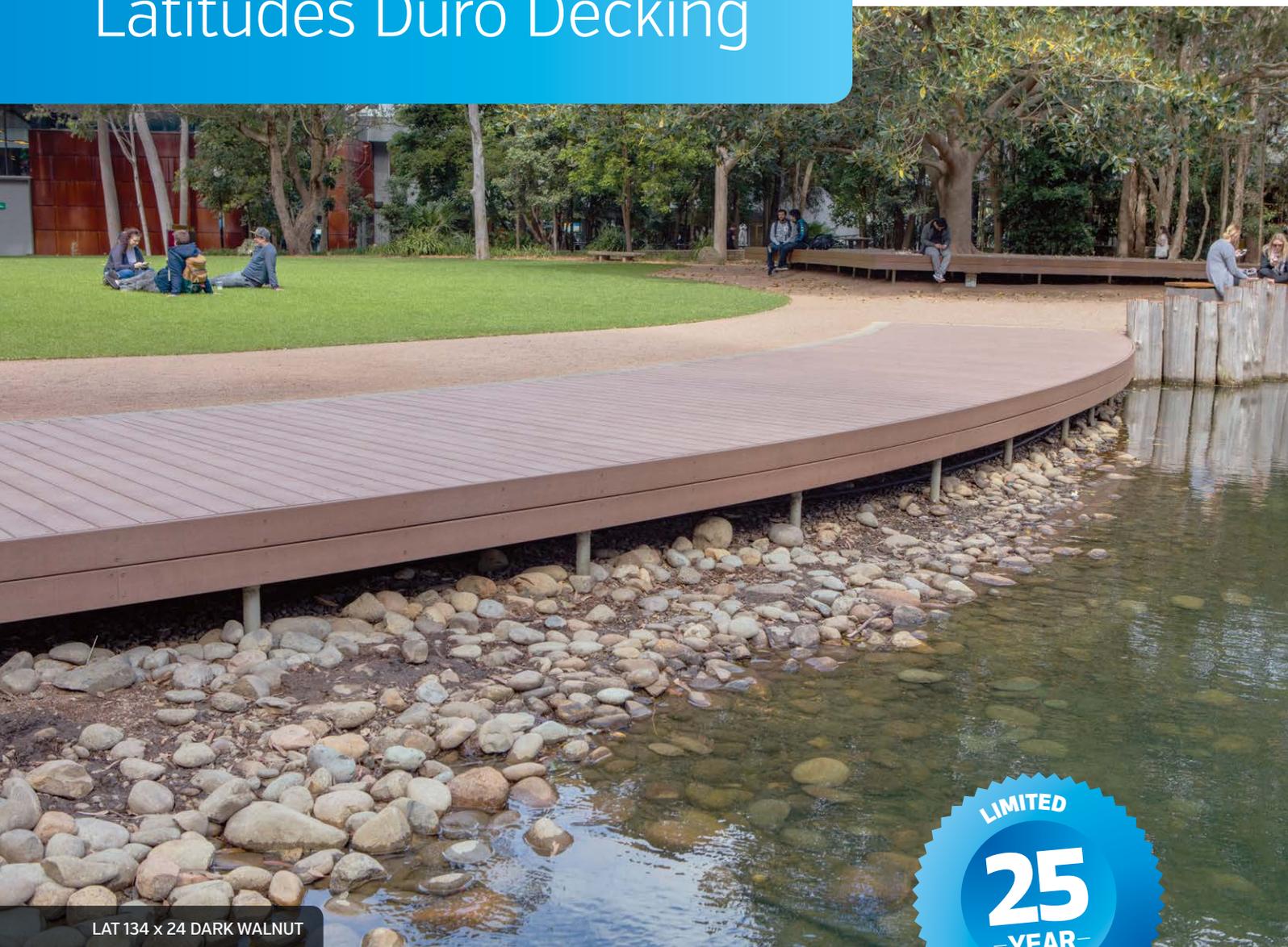
**BAL40**

FIRE RATING

Latitudes Duro Decking

 [urbanline.com.au](http://urbanline.com.au)

# Latitudes Duro Decking



LAT 134 x 24 DARK WALNUT

## Architectural Style

Urbanline Latitudes Duro Decking has most of the attributes of timber, with added advantages such as no maintenance, consistent colour toning and strength, which provide an aesthetically pleasing and “forever young” result. Made from recycled wood fibres and recycled virgin polyethylene, Latitudes Duro is unmatched by other composites on the market and its solid board is now available with BAL40 fire rating.

This product is fortified with proven Strandex Technology, which uses a mixture of recycled wood fibres and post-industrial high-density polyethylene. This technology offers superior protection against UV degradation and water absorption

because every strand of wood fibre is encased in high-density polyethylene.

Latitudes Duro Decking comes in four colours: Ash Grey, Dark Walnut, Cedar and Redwood. This product is quick and easy to install and, unlike

other composites, can be face-fixed or concealed-fixed, depending on your aesthetic preference. The realistic anti-slip brushed finish offers subtle variation in colour and excellent anti-slip resistance.

## Profiles



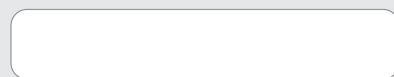
LAT 134 x 24



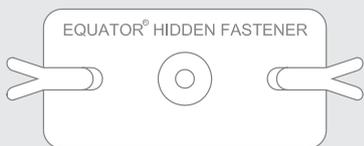
LEB 137 x 24



LSB 137 x 24



LBFR 137 x 24 FIRE RATED BAL40



HIDDEN FASTENER



### CAD files

Download the latest CAD files from the product section of [urbanline.com.au](http://urbanline.com.au)



LAT 134 x 24 ASH GREY

## Latitudes Duro Decking

Profile Code	Cover (mm)	Thickness (mm)	Max Spans Residential (mm)	Max Spans Commercial (mm)	Face Fix	Hidden Fastener	Lengths Available	Load Test Available	Slip Rating Test	Linear metre per m <sup>2</sup>	Weight per m <sup>2</sup>
LAT 134 x 24 LATITUDES BOARD	134	24	400	300	✓	✓	5800	✓	CLASS - W	7.35	23kg/m <sup>2</sup>
LSB 137 x 24 LATITUDES SOLID BOARD	137	24	400**	300	✓	✓	5800	✓	CLASS - W	7.35	23kg/m <sup>2</sup>
LEB 137 x 24 LATITUDES EDGE BOARD	137	24	400**	300	✓	✗	5800	✓	CLASS - W	7.35	23kg/m <sup>2</sup>
LBFR 137X24 LATITUDES BOARD FIRE RATED BAL40	137	24	400**	300	✓	✗	5800	✓	CLASS - W	7.35	35kg/m <sup>2</sup>

\*\* Australian Point Load Test at 450mm centres - the mean average was 4.26 kN, with an average peak deflection of 12.22mm.

## Colours\*



Ash Grey\*

Dark Walnut\*

Cedar\*

Redwood

\*LBFR 137 x 24 available in these colours only.

LAT 134 x 24 DARK WALNUT



Stylish and practical

Latitudes Duro Decking looks and feels like real timber and is virtually maintenance free – the perfect solution for:

- Wet/pool areas
- Heavy traffic areas
- Unsheltered areas
- Domestic and commercial areas
- Hotel/bistro areas
- Harsh environments
- Body corporate areas
- Mining campsite decks
- Jetty and pontoon walkways
- Bushfire-prone areas [LBFR 137 x 24]



Fire Rating

LAT 134 x 24 DARK WALNUT



LAT 134 x 24 DARK WALNUT



LAT 134 x 24 ASH GREY WITH WALNUT BORDER



LAT 134 x 24 DARK WALNUT



There are so many great reasons to choose Latitudes Duro Decking



**Maintenance free**

Latitudes Decking requires no oiling or painting over the life of the product – just keep it clean.



**Positive concealed fix system**

Equator hidden fasteners can be installed in 4 quick and easy steps. Achieve a clean finish with no pre-drilling.



**High durability**

Formulated with a mixture of virgin and recycled high-density polyethylene, which promotes longevity.



**High stability**

Using Strandex Technology, every strand of wood fibre is encased in high-density polyethylene, for minimal movement and superior protection against UV and moisture.



**Water resistant**

Wood fibres are encapsulated, allowing no opportunity for moisture ingress.



**High slip resistance**

Excellent grip in both wet and dry conditions. Tested: AS/NZS, 4586: 2004, Appendix A. Result: Class W.



**25 Year Limited Warranty**

Guaranteed quality and peace of mind. Visit [urbanline.com.au](http://urbanline.com.au) for more information.



**Exceptionally quiet underfoot**

High-density constitution – excellent for insulating against noise intrusion.



**Installer friendly**

Latitudes Decking is easy to cut, drill, shape and fix with standard woodworking tools.



**Rot and pest resistant**

Guaranteed not to rot, split, warp or check. Highly resistant to damage caused by termites and fungal decay.



**Bushfire resistance**

With a BAL40 rating, the LBFR 137 x 24 is certified for use in Australia's most bushfire-prone areas. It can be used in areas with bushfire attack levels of BAL40, BAL29, BAL19 and BAL12.5, giving commercial and residential clients stylish decking choices that comply with strict regulations [Australian Standard 3959].

# Frequently Asked Questions

LAT 134 x 24 DARK WALNUT

## What is Latitudes Composite Decking made of?

Latitudes decking is fortified with the proven Strandex technology, using a mixture of recycled wood fibres and post-industrial high density polyethylene.

## Can I use Latitudes Decking in bushfire-prone areas?

Yes, the Latitudes Board Fire Rated BAL40 Decking product is certified for use in Australia's most bushfire-prone areas. It can be used for commercial or residential decking in areas with bushfire attack levels of BAL40, BAL29, BAL19 and BAL12.5.

## What colours does Latitudes Decking come in?

Latitudes Decking is available in Ash Grey, Cedar, Redwood and Dark Walnut, with a brushed finish on the face.

## What size and length does Latitudes Decking come in?

Latitudes Decking boards are 136mm wide x 24mm thick x 5.8 metre lengths.

## Should I purchase all of my decking material at one time?

Yes. Purchasing all required decking material at one time is recommended as manufacturing runs can produce slightly different colours. Like most composites, individual Latitudes Decking boards will have slight colour variations from piece to piece. This is due to the natural variations

in wood fibres and polymers. Colour variation is not covered by warranty. We recommend purchasing extra material in case boards need to be repaired or replaced in the future.

## What is the benefit of using solid composite decking over hollow composite decking?

It is easier to work with a solid product, because it frames like wood and feels more substantial on the deck.

## What is the benefit of using Latitudes Slotted Decking over standard composite decking?

Latitudes Slotted Decking comes with a pre-machined groove along the sides of the board to accommodate the Equator hidden fastener. The Equator hidden fasteners are designed to properly space the boards at 6mm and allow for the expansion and contraction on the length and width that naturally occurs on composites. The screws provided with the Equator hidden fasteners have black painted heads to greatly reduce the potential glare caused by the sun, keeping the fasteners truly hidden.

## What is the difference between Latitudes Composite Decking and wood?

Latitudes Decking combines the look of wood with the durability of plastic. Unlike wood decks that require continuous maintenance, there is no need to apply weather protectants or water seal products to Latitudes Decking.

## Why is composite decking more expensive than treated wood?

Composite decking is more expensive to manufacture. However, over time, the maintenance, repair and/or replacement costs associated with wood outweigh the initial investment in a Latitudes deck.

## Does Latitudes provide good traction in wet or dry conditions?

Yes. Latitudes Decking has good slip resistance in both wet and dry conditions.\*

## How should Latitudes Decking be stored and handled?

You can store them the same way you would store any wood product.

## Does Latitudes Decking fade?

Yes. Latitudes Decking will lighten over time to a beautiful weathered tone within the same colour family. This colour tone shift is dependent upon exposure to sunlight and other environmental factors. The weathering process begins upon installation and is generally complete within 60-90 days.

## Will Latitudes Decking split, rot or decay like wood?

No. Latitudes Decking has been tested under accelerated weather conditions and is weather resistant.

\* Tested: AS/NZS 4586:2004, Appendix A.  
Result: Class W

\* Australian Point Load Test at 450mm centres  
- the mean average was 4.26 kN with average peak deflection of 12.22mm.

### How do varying weather cycles affect Latitudes Decking during installation?

Latitudes Decking performs well in varying weather conditions. During installation, it will contract only slightly in cold weather. In hot weather it expands. We recommend that the material is on the job site 48 hours prior to installation to allow it to acclimatise. Follow the spacing guidelines in the installation instructions to ensure proper room for expansion and contraction.

### Will chlorine and other chemicals from a swimming pool damage Latitudes Decking?

While no tests have been done, we have not seen or heard of any ill effects from standard pool chemicals.

### Do I need special tools to install Latitudes Decking?

Conventional tools can be used with Latitudes for cutting, drilling and nailing. We recommend using a sharp carbide-tipped saw blade for cutting. For your safety, remember to wear protective clothing and safety glasses.

### Can I hide the slotted deck board groove at the edge of the deck?

Several methods may be used to conceal the grooved board edges. This is easiest achieved by raising the edge board to cover the board edge. Another way is to 'picture frame' the entire deck. The best appearance will be achieved by mitre-cutting the deck corners. Install the outer deck boards allowing them to overhang the deck framing. Snap a chalk line flush with,

or up to 30mm from the deck framing and trim with a circular saw. Rout the edges for a smooth clean finish.

### What types of fasteners are recommended with Latitudes Decking?

The Equator hidden fastener was designed for use with the Latitudes Slotted Decking, and simply sets into the grooved slot in the side of the board. Where screws are needed for top fixing, we recommend using a 60mm corrosion resistant, wood composite deck screw. These screws help prevent the common mushroom effect that sometimes occurs when using standard fasteners, and can help reduce the amount of pre-drilling and countersinking. If using ordinary course thread deck screws, the best results are achieved by pre-drilling a pilot hole and countersinking prior to driving screws.

### What joist spans should be used for Latitudes Decking?

In residential applications, Latitudes Decking should be installed on joists spaced 400mm centre's when the boards are running perpendicular to the joists. Decking boards running on a diagonal pattern should be installed on joists spaced at 300mm centre's. For commercial applications, contact us on 1300 658 638. Always check with your engineer to ensure suitability with your specific project requirements.\*

### Does Latitudes Decking require gapping between boards?

Yes. Latitudes Decking must be gapped at the ends to allow for expansion and contraction, and

gapped between boards to allow for water run-off. At the end of the deck boards, allow a minimum of 1.5mm gap for every 7° C between the installation temperature and the hottest temperature expected. Allow a 6mm gap between the deck boards and between all decking and any permanent structure or post for water run-off. For more information, refer to the installation instructions.

### How much space is recommended for proper ventilation underneath a deck?

A clear 50mm space between the bottom edge of the joists and grade is recommended to allow for proper ventilation. Always check with your local regulatory for specific council requirements.

### Can I rout Latitudes Decking boards?

Yes. Latitudes Decking is easier to rout than wood and provides a sharp clean edge.

### Can I put Latitudes Decking over concrete?

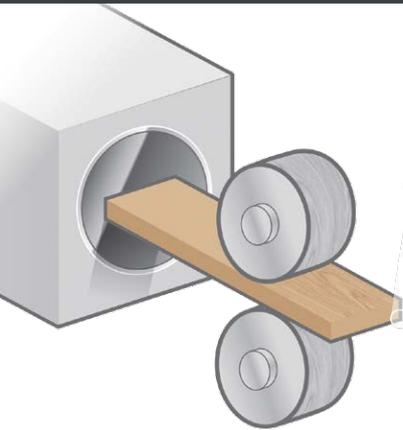
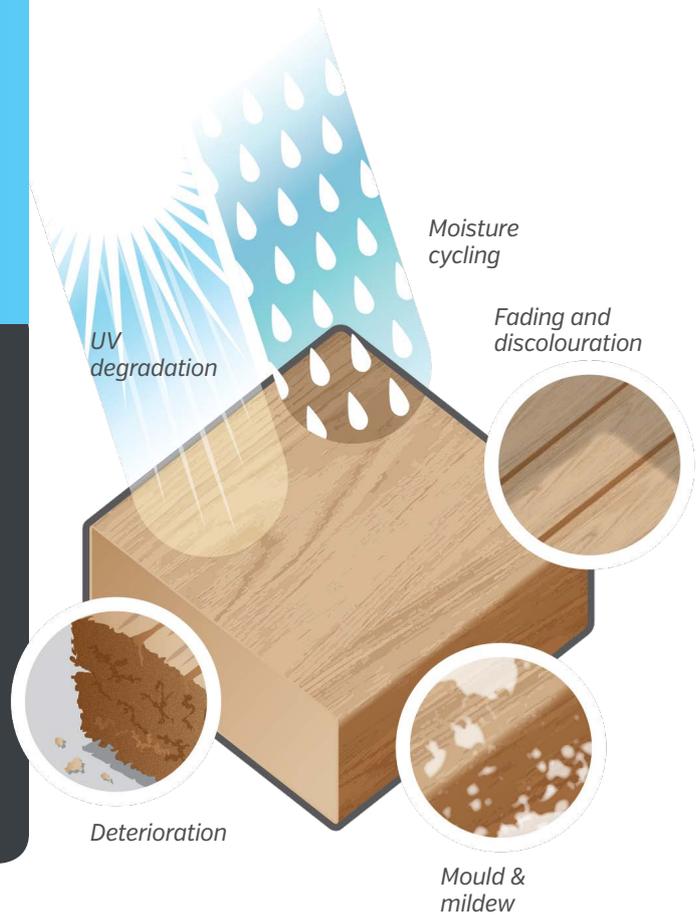
Yes. It is possible to install Latitudes Decking over concrete. First, check with your local building code authority for specific footing requirements. Standard joist framing is still required. Drainage and ventilation is necessary for best product performance; therefore we recommend shims to level the deck that allows a clear 50mm space between the bottom edge of the joists and the concrete.



# Not yet convinced on composites?

Get confident by becoming composite competent.

Urbanline offers Australia's largest range of high-performing composite products made out of the best fine wood waste and plastics, using the latest technology.



**Latitudes Duro Decking**



The **Urbanline Latitudes Duro decking and cladding** has been made in the USA for the last 30 years using the Strandex Process. This means every strand of wood fibre is encased in high-density polyethylene for minimal movement and to give superior protection against UV and moisture. Each wood fibre

is ground to a fine consistency for a uniform look and a screen in the extrusion process orients the material into rope-like strands that are wound together for strength.

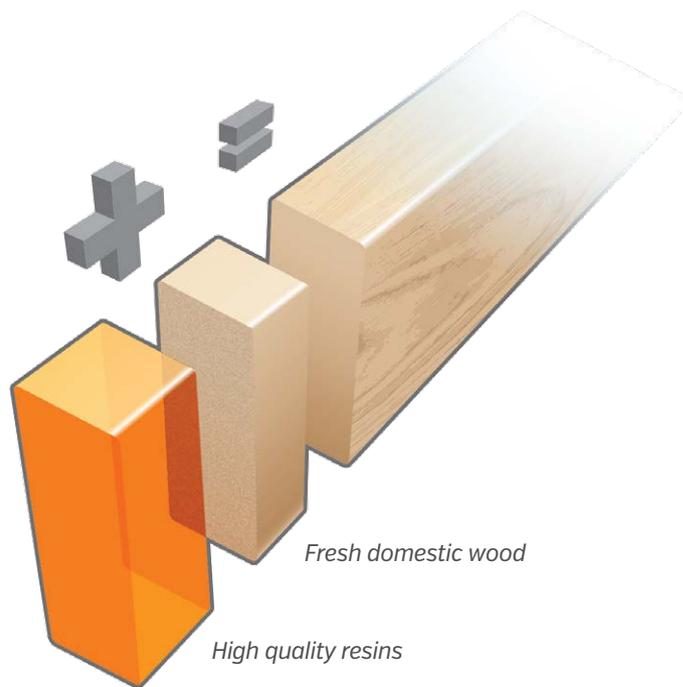
This is why this product has an unbeatable guarantee of 25 years. Latitudes is the only composite manufacturer in the USA to extrude decking with this process.

## Here's what to look for:

- ✓ A comprehensive guarantee
- ✓ Choice of colours and finishes
- ✓ A uniform look through smaller wood fibres
- ✓ Low moisture and decay resistant being dense with high talc concentration
- ✓ Low thermal expansion
- ✓ Secret fixing system
- ✓ High-impact resistant
- ✓ Dimensional and directional stability with low expansion and contraction
- ✓ UV and fade resistant
- ✓ Handles temperature fluctuations
- ✓ Non-rot and pest resistant
- ✓ Non-staining
- ✓ Inherent microbiological properties

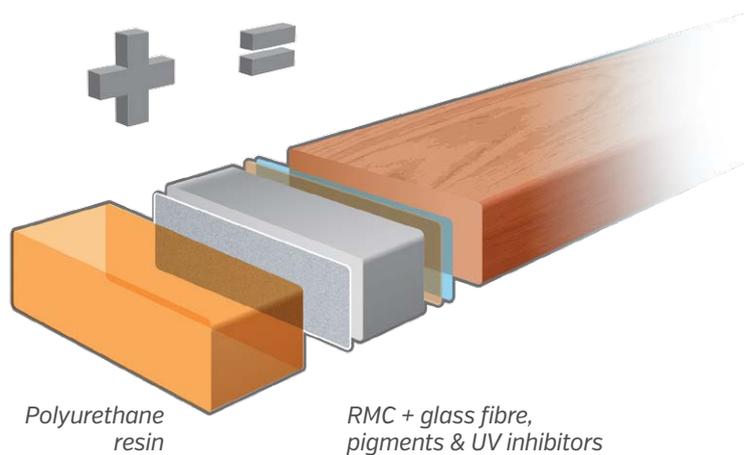
**Euro Clad Composite cladding** is manufactured in Germany using a patented manufacturing process combining the natural properties of wood with the resistance of high quality resins.

The finely chopped, fresh domestic wood with uniform, homogeneous structure and high quality resins for strongbonding of the chips, guarantee the highly compressed and dimensionally stable material structure.



**Euro Clad Composite Cladding**

Interestingly, some products such as **Millboard decking** contains no wood or plastic but is made from polyurethane resin (not plastic) with mineral stone flour commonly referred to as Resin Mineral Composite [RMC]. It also contains glass fibres to give extra exceptional strength. Other ingredients are high quality colour pigmentation and high-tech ultraviolet light inhibitors for durability and lasting beauty.



**Millboard Decking**

## Composites cut costs



### Time & cost

Time and cost savings during construction through quick installation and less overheads (e.g. scaffolding, tradesmen labour and painting costs).



### Durable

The long-lasting, durable nature of composite cladding and extended service life ensures the greatest payback on investment.



### Energy efficient

Long-term building performance and energy efficiency.



### Low maintenance

Minimal to no ongoing maintenance. Consideration needs to be given to overall cost savings of no maintenance materials, labour, scaffolding and access restrictions over a long period.

Further product information and downloads for Latitudes Duro Decking are available at [urbanline.com.au](http://urbanline.com.au)



Installation instructions



Product care



CAD files



Technical information



**Like what you see?**

Get in touch and order your free sample today!

Phone 1300 658 638 Email [sales@urbanline.com.au](mailto:sales@urbanline.com.au)

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