

Composite Timber Cladding



DURA CLADDING

**For commercial and residential new
or replacement maintenance-free
cladding projects**

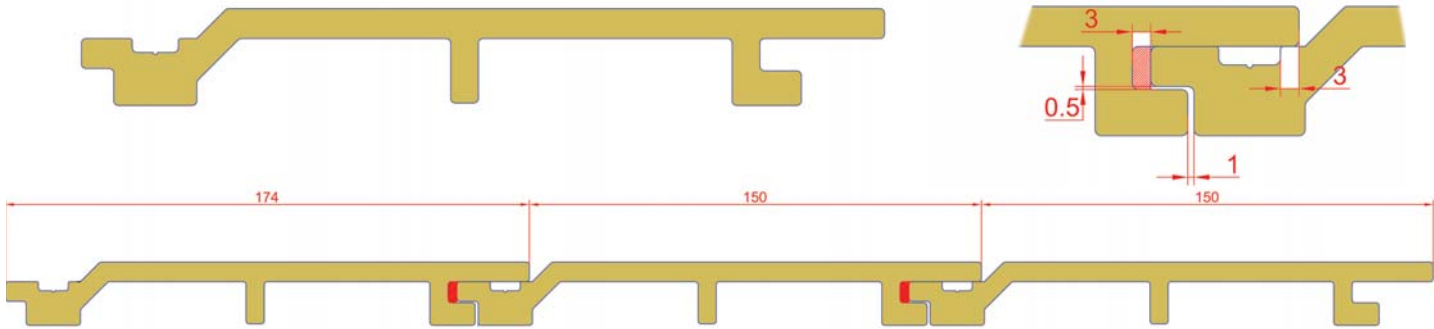
- Wood Plastic Composite Construction (WPC)
- Retains Natural Colours
- UV Stable
- Easily Installed
- Low Maintenance

dura
composites



Dura Cladding

Product Type 150/21 Flush



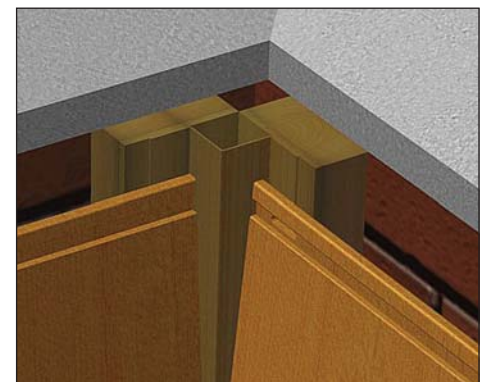
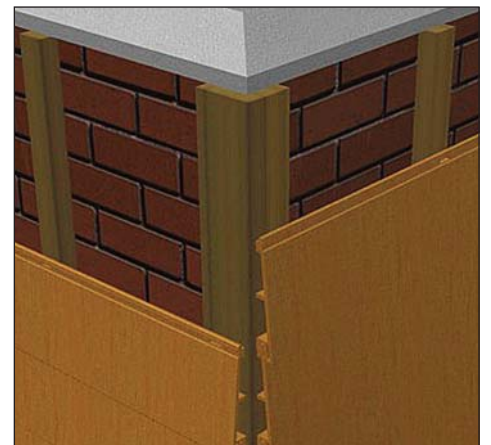
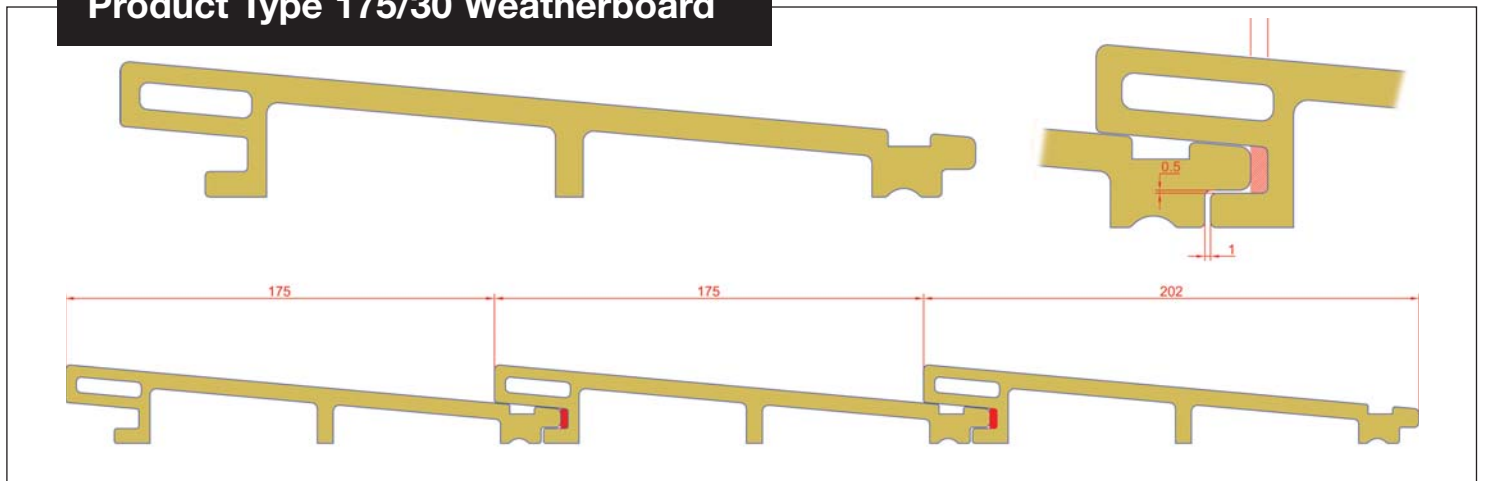
Wood Plastic Composite (WPC) Construction

Manufactured from a high performance Wood Plastic Composite (WPC). Dura Cladding combines strength, durability and low maintenance, making it the perfect choice for the majority of cladding applications.



Wood Plastic composite cladding for offices, public buildings, hotels, commercial premises, factories, holiday and theme parks

Product Type 175/30 Weatherboard

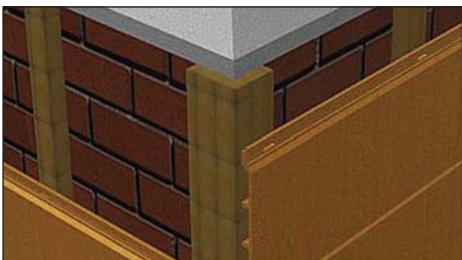
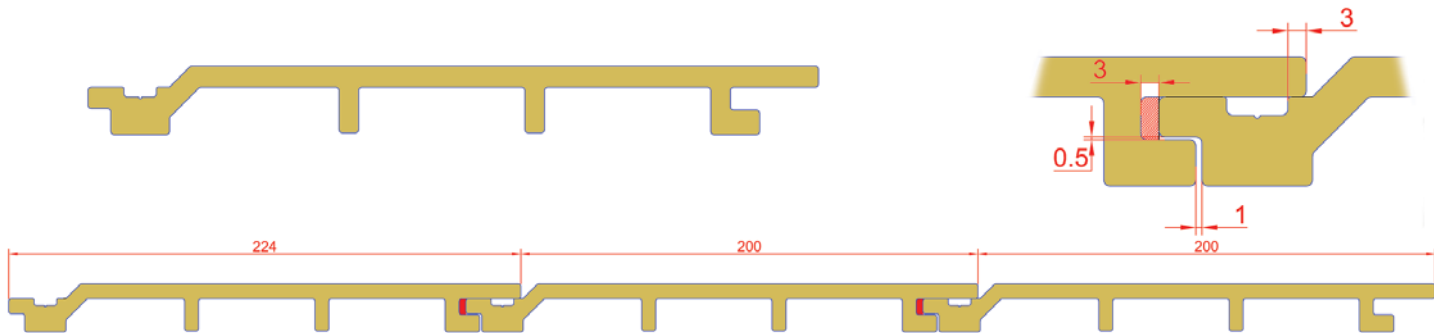


Durable Engineered Wood Plastic Composite (WPC)

Dura Cladding wood plastic composite is an ever increasingly popular choice for finishing the outside of commercial and domestic buildings. Otherwise known as weather-boarding or siding, coloured or timber effect cladding is an attractive and economical way to finish the exterior of both new and refurbished buildings. Dura Cladding provides a hardwearing, protective layer against the elements and is an excellent insulator.

Dura Cladding

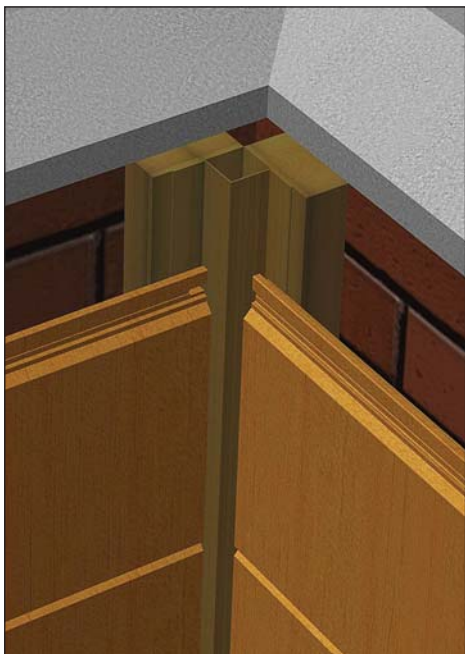
Product Type 200/21 Flush



Wood Plastic Composites

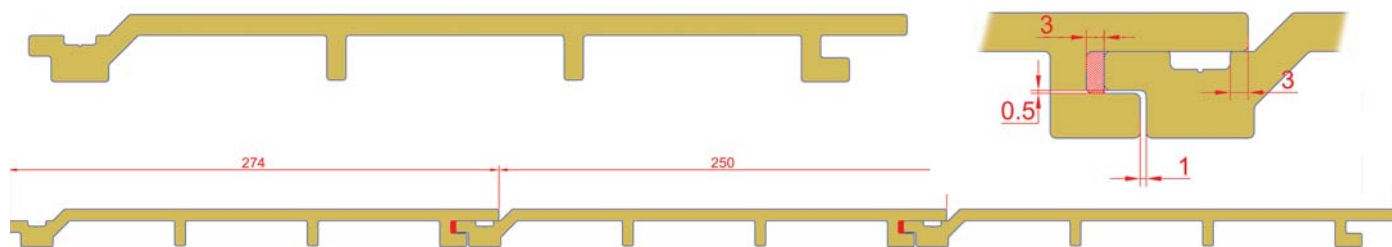
Dura Cladding is produced from Wood Plastic Composite (WPC) which is manufactured by an extrusion process using a mix of recycled plastics and hardwood with various bespoke additives.

WPC is an immensely versatile material which combines the traditional appearance of timber with the durability and resilience of an engineered composite. Given it is available in a tasteful range of colours and profile sections.



Wood Plastic composite cladding for offices, public buildings, hotels, commercial premises, factories, holiday and theme parks

Product Type 250/21 Flush



Long-life Weathering Properties

Dura Cladding benefits from a natural appearance. It also has the benefits of long life, light weight, low maintenance, non rotting, corrosion and electrical resistant, low installation costs, long service life and is UV Stable.

Dura Cladding products compete very favourably on a life cycle cost basis versus traditional materials due to their limited maintenance needs and long lifespan.

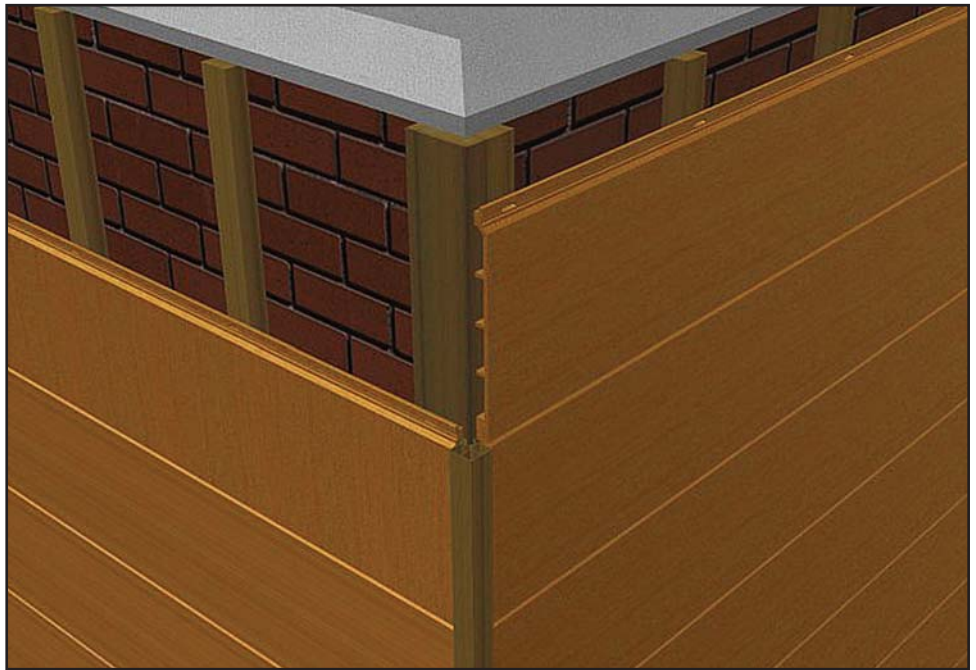
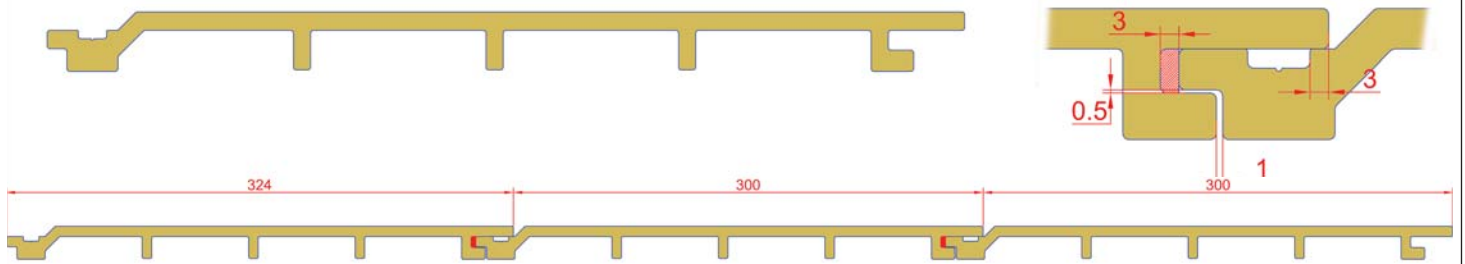
Dura Cladding is designed and has been tested to withstand extreme weather conditions and temperature ranges.

Various standard cladding profiles are available, and custom profiles incorporating alternative fixing systems can be produced to specification.



Dura Cladding

Product Type 300/21 Flush



Cladding benefits

- High performance composite construction
- High strength to weight ratio
- Permanent colour
- Low maintenance
- Easy to erect / install
- Corrosion and weather resistant
- 316 stainless steel fixings available
- Fire resistant grades available
- Simple cutting and installation on site
- Excellent value 'life cycle cost'
- UV Stable

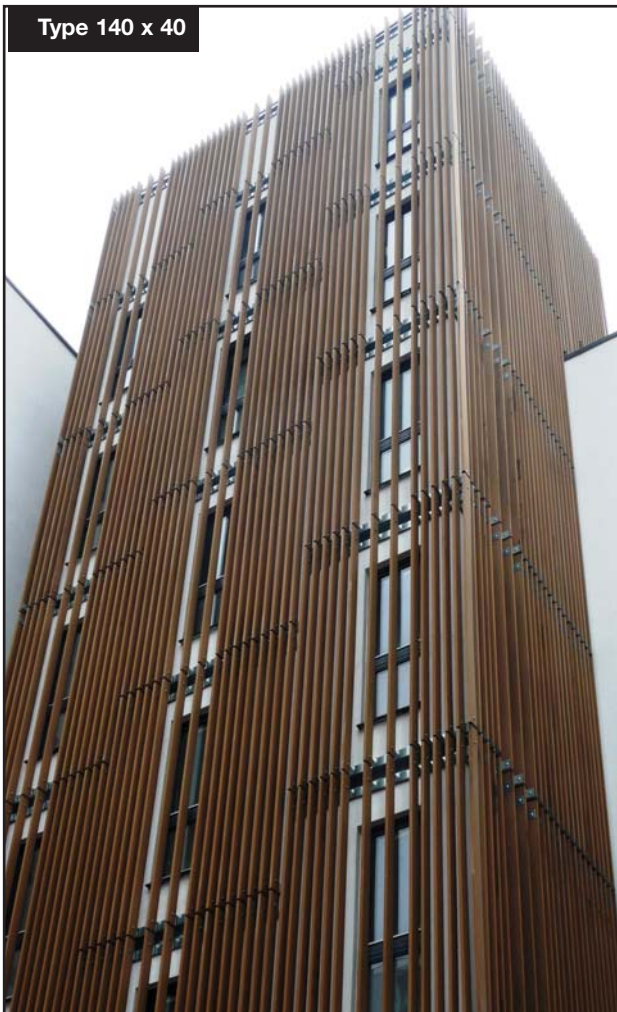
Wood Plastic composite cladding for offices, public buildings, hotels, commercial premises, factories, holiday and theme parks

Product Type Box Cladding

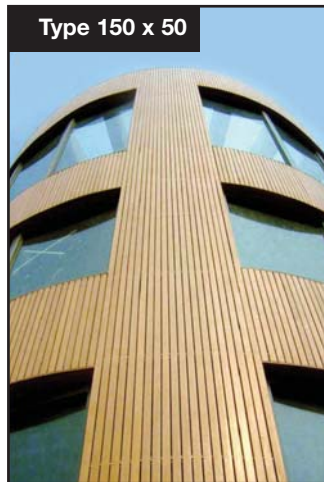
Other Box Cladding Profiles available



Type 140 x 40



Type 150 x 50



Type 150 x 50



Fixings and Accessories

All Dura Cladding products should be fixed using recognised high quality products. The raw material and type of coating used to protect equipment from corrosion is vital. This is why Dura Composites Ltd., recommend the use of stainless steel fixings.

Accessories Include

- Aluminium trims - Internal & External (bespoke trims can be supplied to order)
- A2 Stainless Steel posi pan head screws 38mm x 8g
- Sealant - Arbosil 1090 - 400ml cartridge
- Timber battens 50 x 25 - sawn douglas fir class 1 kiln dried. Heat treated 56/30

Other Cladding Applications

- Equipment Screening
Screening rooftop utilities, tankage, air conditioning units, piping etc.
- Sun Screening
Car parks, leisure centres, hotels, shopping centres.
- Ventilation Screens
Railway stations, underground car parks - The gaps between Box Cladding panels provide good airflow properties.
- Suspended Ceilings
Box cladding profiles can be hung below ceiling height to create an alternative appearance.
- Architectural design features
Decorative effect or screening for new or refurbishment projects.

Dura Cladding

Dura Cladding general specifications

Wood Plastic composite cladding panels and accessories for new or refurbishment projects.

Dura Cladding

Cladding Profile	Product Code	Panel Width (mm)	Panel Length (mm)	Visible Panel Width (mm)	Max fixing Span (mm)	Weight (kg)
150/21 Flush	DCFL15021CR2800Y	174	2800	150	400	2.00
175/30 W/board	DCWB17530CR2800Y	202	2800	175	400	2.00
200/21 Flush	TBC	224	2800	200	400	TBC
250/21 Flush	TBC	274	2800	250	600	TBC
300/21 Flush	DCFL30021CR2800Y	324	2800	300	600	3.50
140/40 Box Cladding	DCBOX0Z14040CR2800Y	140 x 40	2800	N/A	800	5.20

Standard colours are Teak, Charcoal or Cedar. Other colours are available on request, for orders over 300 sq mtrs.

Internal / External Trims

Trim Profile	Product Code	Trim Length (mm)	Weight (kg)
Internal Aluminum Corner Trim	DCA1605STCR3600Y	3600	0.37
External Aluminum Corner Trim	DCAE90STCR3600Y	3600	0.97

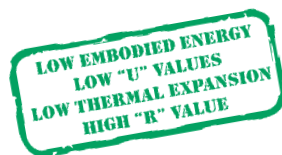
Fixings and Accessories

Description	Product Code	Quantity
50 x 25mm baton, Sawn Douglas fir Fire Resistant Class 1. Kiln dried selection Heat treated 56/30 (per linear metre)	N/A	Per Linear Meter
A2 Stainless Steel Posi Pan Head 38mm 8 gauge screws	N/A	Pack of 100
Arbosil 1090 (Black, Buff or Teak) 380ml cartridge	N/A	25 x 380ml cartridge

Material Specifications

Characteristics	Unit	Test Reference
Tensile Strength	4.42 mpa	BS 6399
Impact Strength	3.8 kj	BS 6400
Flexural Strength	3.62 gpa	ASTM D1037-93
Flexural Strength after UV Aging (1000 hours and rain)	TBC	ISO 4892-2
UV Aging test	Pass	ISO 4892-2
Density	1.2 g/cm ³	Ceram, Stoke on Trent
24 Hour water absorption	2.62%	ASTM D684
Flammability Resistance	Class 3	BS 476 Part 7
Expansion Rate	6.51 x 10 - 5k	Ceram, Stoke on Trent
Weatherability	No damage at 100 cycles	Moat 22
Frost Resistance	No damage	DD CEN/TS 772-22:2006

Due to our policy of continued improvement, we reserve the right to amend specifications and prices at all times.



Colour Options



Teak



Charcoal

Standard



Cedar

The above colours are representative only, due to the printing process. Colour samples are available on request. Other colours available on request.

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