



Call our Expert Sales Team for more information.

First Fence Ltd | Kiln Way, Woodville, South Derbyshire, DE11 8EA
01283 512 111 | www.firstfence.co.uk | sales@firstfence.co.uk



UK-QMS-00503-TEM

Key Features

- ⊙ **Simple & Fast Installation**
(Modular system with easy installation)
- ⊙ **Durability & Longevity**
(Resistant to rot and corrosion, and requires little maintenance)
- ⊙ **Eco-Friendly**
(Made from recycled wood and plastic)
- ⊙ **Customisable**
(Choose from a range of colours and finishes)
- ⊙ **Privacy & Security**
(The solid design and robust construction forms a reliable barrier)

Suitable For

- ⊙ Garden & Pool Fencing
- ⊙ Residential Privacy
- ⊙ Office & Retail Boundaries
- ⊙ Parks & Playgrounds
- ⊙ Hotels & Resorts



Easy Installation

This system is designed for a straightforward, hassle-free installation. Once the posts are installed, the boards are simply slotted into place.



Long Life

Resistant to decay, mould and insect damage, ensuring a robust and beautiful fence that stands strong against the elements.



Eco-Friendly

By utilising recycled materials, the demand for virgin timber is reduced, and plastic is diverted from landfills.



Customisable

Choose from an array of colours and finishes. Add a decorative infill for a truly personalised result.

System Specification

Essential Deck Trim	50mm x 50mm x 3600mm Grey, Teak, Chocolate, Charcoal
Essential Flat Fascia Trim	140mm x 11mm x 3600mm Grey, Teak, Chocolate, Charcoal
Essential Deck Board	140mm x 25mm x 3600mm
Material	Wood Plastic Composite (recycled plastic and bamboo fibres)
Advanced Deck Trim	50mm x 50mm x 3600mm Grey, Teak, Chocolate, Charcoal
Advanced Flat Fascia Trim	140mm x 11mm x 3600mm Grey, Teak, Chocolate, Charcoal
Advanced Deck Board	140mm x 25mm x 3600mm
Material	Co-Extrusion Wood Plastic Composite (core of recycled plastic and bamboo fibres, outer shell of modified HDPE)



Call our Expert Sales Team for more information.



Bambura[®] Essential Deck Trim

Material	Wood Plastic Composite (recycled plastic and bamboo fibres)
Colour	Grey, Teak, Chocolate and Charcoal
Dimensions	50mm x 50mm x 3600mm
Pack Qty	10

Bambura[®] Advanced Deck Trim

Material	Co-Extrusion Wood Plastic Composite (recycled plastic and bamboo fibre core with modified HDPE outer shell)
Colour	Grey, Teak, Chocolate and Charcoal
Dimensions	50mm x 50mm x 3600mm
Pack Qty	10

Bambura[®] Essential Flat Fascia Trim

Material	Wood Plastic Composite (recycled plastic and bamboo fibres)
Colour	Grey, Teak, Chocolate and Charcoal
Dimensions	140mm x 11mm x 3600mm
Pack Qty	5

Bambura[®] Essential Flat Fascia Trim

Material	Co-Extrusion Wood Plastic Composite (recycled plastic and bamboo fibre core with modified HDPE outer shell)
Colour	Grey, Teak, Chocolate and Charcoal
Dimensions	50mm x 50mm x 3600mm
Pack Qty	5

Bambura[®] Essential Deck Board (Flat one side, grooved on the other)

Material	Wood Plastic Composite (recycled plastic and bamboo fibres)
Colour	Grey, Teak, Chocolate and Charcoal
Dimensions	140mm x 25mm x 3600mm
Pack Qty	6

Bambura[®] Advanced Deck Board (Flat one side, grooved on the other)

Material	Co-Extrusion Wood Plastic Composite (recycled plastic and bamboo fibre core with modified HDPE outer shell)
Colour	Grey, Teak, Chocolate and Charcoal
Dimensions	140mm x 25mm x 3600mm
Pack Qty	6

Bambura[®] Starter Clip - Pack of 100

Material Powder Coated Steel

Bambura[®] Starter Clip Screw - Pack of 100

Material Powder Coated Steel

Bambura[®] Deck Board Joining Clip for 2-3mm Gap - Pack of 100

Material Powder Coated Steel

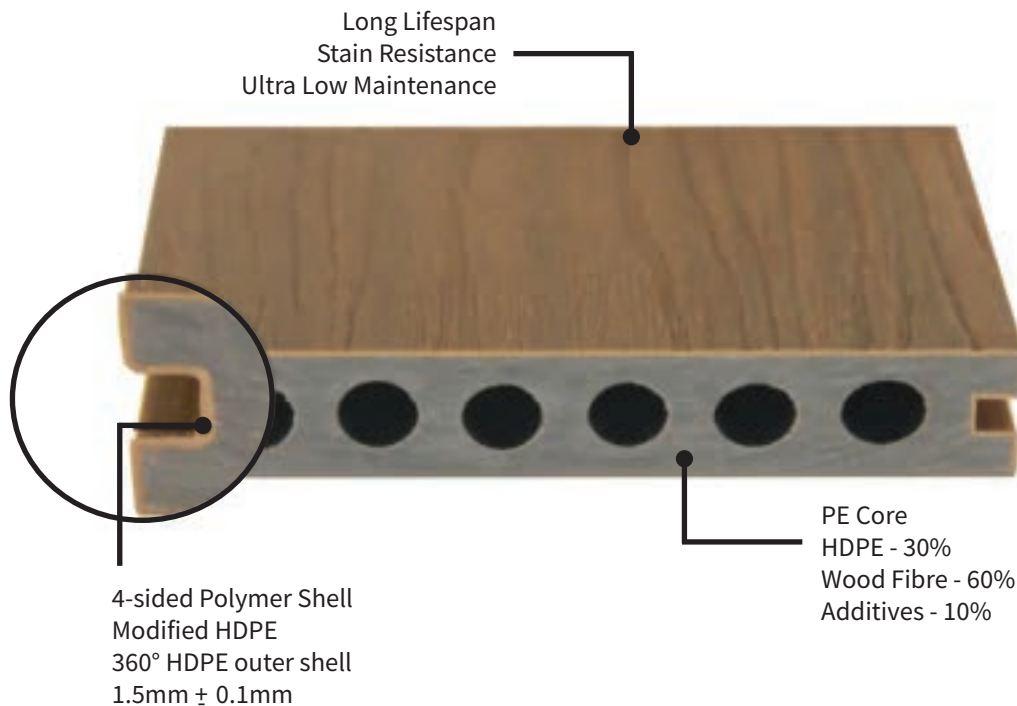
Bambura[®] Deck Board Joining Clip for 5-7mm Gap - Pack of 100

Material Powder Coated Steel

Bambura[®] End Joining Clip - Pack of 100

Material Powder Coated Steel

Co-Extrusion Cross Section



Co-extrusion

The Bambura[®] Advanced line is a high-performance co-extruded WPC product, combining durability and style. Its core, made from recycled bamboo fibres and HDPE plastic, offers the natural look of wood with added strength. A tough 360° polymer cap is co-extruded around the core, fully protecting it and making it far more durable than first-generation, uncapped WPC.

Phase 1: Planning and Preparation

1. Calculate Materials & Tools:

Measure your area accurately to determine the required quantity of decking boards, joists/substructure, hidden clips/fasteners, starter/end clips, and fascia/trim boards.

Essential Tools: Circular Saw (or mitre saw), Drill/Screwdriver, Spirit Level, Measuring Tape, Rubber Mallet, Safety Gear (gloves, safety glasses).

2. Prepare the Ground:

Clear the area of all debris, weeds, and roots.

Ensure the ground or existing concrete slab is stable and relatively flat.

Drainage is critical: Ensure a slight slope (ideally 1-2%) away from any adjacent buildings to prevent water pooling on or under the deck.

Lay a weed-suppressant membrane (weed fabric) across the area if installing over soil.

Phase 2: Building the Substructure (Joists)

3. Install the Joists:

The substructure can be made of treated timber or composite material.

Spacing is crucial: Lay the joists parallel to each other. The maximum distance between the centre of two adjacent joists should be between 300mm and 400mm (30cm to 40cm), depending on the manufacturer's recommendation and whether the boards are solid or hollow. For heavier loads, use a 300mm spacing.

Perimeter and End Joists: Install double/sister joists where two deck boards will meet end-to-end to ensure both board ends are fully supported.

Secure the Joists: Use appropriate fixings (e.g., expansion bolts for concrete or anchors for ground) to firmly secure the joists to the foundation. Ensure all joists are level and at the correct height.

Phase 3: Installing the Decking Boards

4. Start the First Board:

Gapping: WPC materials expand and contract. Leave an expansion gap of at least 10mm between the end of the first board and any permanent object (wall, post, railing). Pre-drill pilot holes to prevent the WPC material from splitting or cracking when the fastener is driven in. Do not use standard wood screws as they don't allow the necessary movement.

Starter Clips: Screw the starter clips along the edge of the first joist (where the board begins).

Slide the first decking board's groove securely onto the starter clips and ensure it is perfectly aligned.

5. Secure Subsequent Boards:

Place a hidden fastener clip (T-clip) into the exposed groove of the first board at every point where it crosses a joist.

Place the second board parallel to the first, sliding its groove onto the T-clips. Use a rubber mallet to gently tap the board into position, ensuring a tight fit against the clip.

Screw the T-clips into the joist to secure the second board. The T-clip automatically creates the required gap (typically 3mm to 7mm) between the boards for drainage and expansion.

Repeat this process across the entire deck area.

6. Managing Cuts and Joins (Expansion Gaps):

End-to-End Gaps: When butting two boards end-to-end, leave a small gap (3mm to 5mm is standard) to allow for length expansion. Remember that board ends should always rest on a doubled-up/sistered joist for maximum support.

Cutting: Use a circular saw or mitre saw with a sharp, fine-toothed blade to cut boards to length. Always cut off the factory end of the board to ensure a clean butt joint.

7. Finishing the Last Board:

If the last board is too wide, cut it down lengthwise using a saw, ensuring you still leave a minimum expansion gap (10mm) from the perimeter wall or structure.

Secure the final board using end clips or by screwing directly into the board near the edge, then concealing the screw heads with the final trim.

Phase 4: Final Trimming and Finishing

8. Install Fascia and Trim:

Use the deck trim, corner trim, or flat fascia boards (in the chosen colour) to cover the exposed joists and board ends around the deck's perimeter.

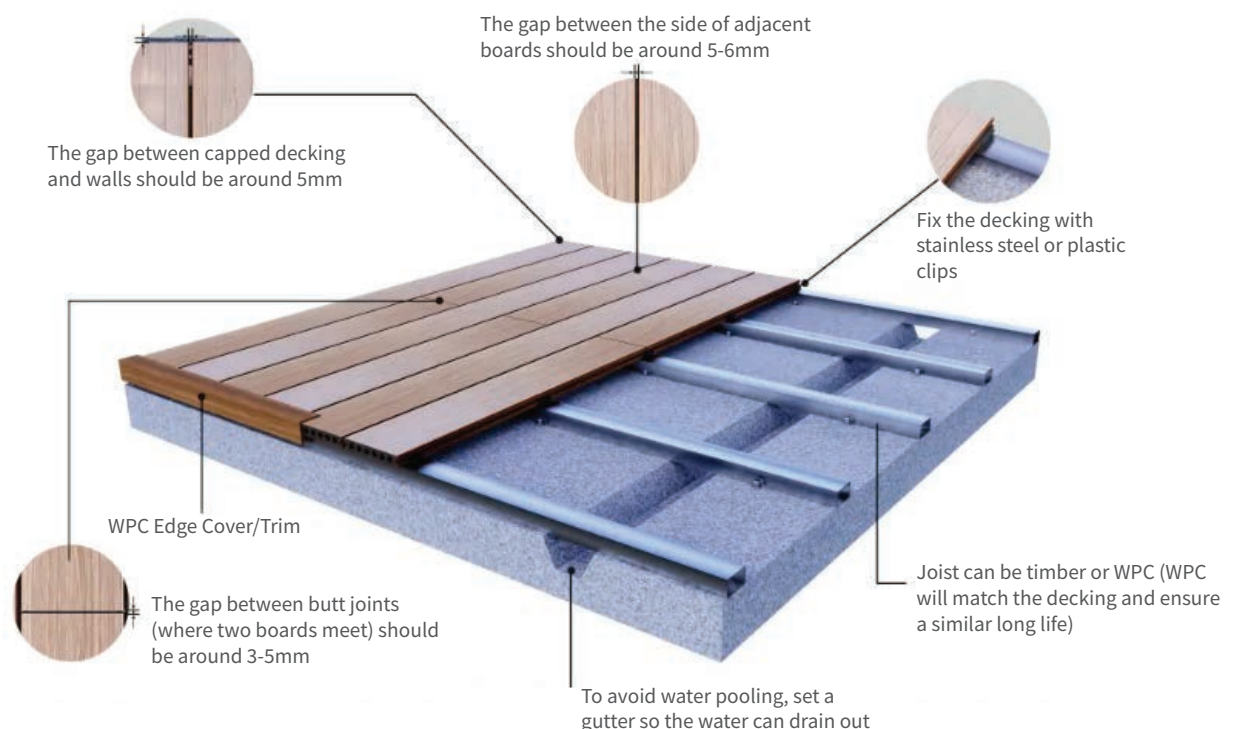
Fascia boards are usually screwed directly into the joist structure. Ensure you pre-drill holes to prevent the composite material from splitting.

Use a mitre cut on corner joints for a clean, professional finish.

9. Clean Up:

Remove all installation debris, dust, and sawdust.

Give the new deck a final wash with a mild soap and water solution, using a soft brush, to prepare it for use.



Bambura® Wood Plastic Composite Decking - SKUs

COMPOSITE-DECK-1010	Bambura® ESSENTIAL DECK GREY WPC TRIM 50MM X 50MM X 3600MM LONG
COMPOSITE-DECK-1020	Bambura® ESSENTIAL DECK TEAK WPC TRIM 50MM X 50MM X 3600MM LONG
COMPOSITE-DECK-1030	Bambura® ESSENTIAL DECK CHOCOLATE WPC TRIM 50MM X 50MM X 3600MM LONG
COMPOSITE-DECK-1040	Bambura® ESSENTIAL DECK CHARCOAL WPC TRIM 50MM X 50MM X 3600MM LONG
COMPOSITE-DECK-2010	Bambura® ADVANCED DECK GREY WPC TRIM 50MM X 50MM X 3600MM LONG
COMPOSITE-DECK-2020	Bambura® ADVANCED DECK TEAK WPC TRIM 50MM X 50MM X 3600MM LONG
COMPOSITE-DECK-2030	Bambura® ADVANCED DECK CHOCOLATE WPC TRIM 50MM X 50MM X 3600MM LONG
COMPOSITE-DECK-2040	Bambura® ADVANCED DECK CHARCOAL WPC TRIM 50MM X 50MM X 3600MM LONG
COMPOSITE-DECK-1210	Bambura® ESSENTIAL DECK GREY WPC FLAT FASCIA TRIM 140MM X 11MM X 3600MM LONG
COMPOSITE-DECK-1220	Bambura® ESSENTIAL DECK TEAK WPC FLAT FASCIA TRIM 140MM X 11MM X 3600MM LONG
COMPOSITE-DECK-1230	Bambura® ESSENTIAL DECK CHOCOLATE WPC FLAT FASCIA TRIM 140MM X 11MM X 3600MM LONG
COMPOSITE-DECK-1240	Bambura® ESSENTIAL DECK CHARCOAL WPC FLAT FASCIA TRIM 140MM X 11MM X 3600MM LONG
COMPOSITE-DECK-2210	Bambura® ADVANCED DECK GREY WPC FLAT FASCIA TRIM 140MM X 11MM X 3600MM LONG
COMPOSITE-DECK-2220	Bambura® ADVANCED DECK TEAK WPC FLAT FASCIA TRIM 140MM X 11MM X 3600MM LONG
COMPOSITE-DECK-2230	Bambura® ADVANCED DECK CHOCOLATE WPC FLAT FASCIA TRIM 140MM X 11MM X 3600MM LONG
COMPOSITE-DECK-2240	Bambura® ADVANCED DECK CHARCOAL WPC FLAT FASCIA TRIM 140MM X 11MM X 3600MM LONG
COMPOSITE-DECK-5010	Bambura® ESSENTIAL DECK BOARD GREY 140MM X 25MM X 3600MM LONG
COMPOSITE-DECK-5020	Bambura® ESSENTIAL DECK BOARD TEAK 140MM X 25MM X 3600MM LONG
COMPOSITE-DECK-5030	Bambura® ESSENTIAL DECK BOARD CHOCOLATE 140MM X 25MM X 3600MM LONG
COMPOSITE-DECK-5040	Bambura® ESSENTIAL DECK BOARD CHARCOAL 140MM X 25MM X 3600MM LONG
COMPOSITE-DECK-5050	Bambura® ADVANCED DECK BOARD GREY 144MM X 21.5MM X 3600MM LONG
COMPOSITE-DECK-5060	Bambura® ADVANCED DECK BOARD TEAK 144MM X 21.5MM X 3600MM LONG
COMPOSITE-DECK-5070	Bambura® ADVANCED DECK BOARD CHOCOLATE 144MM X 21.5MM X 3600MM LONG
COMPOSITE-DECK-5080	Bambura® ADVANCED DECK BOARD CHARCOAL 144MM X 21.5MM X 3600MM LONG
COMPOSITE-DECK-6000	Bambura® STARTER CLIP 100 PACK
COMPOSITE-DECK-6050	Bambura® STARTER CLIP SCREW 100 PACK
COMPOSITE-DECK-6100	Bambura® DECK BOARD JOINING CLIP FOR 2-3MM GAP
COMPOSITE-DECK-6150	Bambura® DECK BOARD JOINING CLIP FOR 5-7MM GAP 5-7mm
COMPOSITE-DECK-6200	Bambura® END JOINING CLIP