

# Installation Instructions

Please observe these instructions carefully prior to storing and installation.

BPC is a composite product consisting of Bamboo, plastics and resins.

BPC does not chip or splinter and is largely resistant to insect grub and fungal attack. Deviation in colour and structure are characteristics of this material. Change in colour after weathering and use is normal.

## BPC System Components

- BPC Decking
- System Fastening Clips and Screws
- BPC and Alu covermoulding

## Hints for Handling BPC Decking

Store horizontally, dry, well ventilated and without direct sunlight.

Perfect temperature at installation is between 10 and 25°C. Do not install during frost or extreme heat.

Check single boards for damage prior to installation.

Plan sufficient gradient for water-drainage, should be 2% in the direction of the boards and away from the building.

## Ground Preparation

The ground must be free from vegetation, load bearing and frost-proof. Water must flow off unobstructed.

Leave a clearance of min 25 mm under the deck and all around for unhindered air-circulation. No part of the deck should have direct contact with the building or the ground.

## Substructure

The substructure requires a minimum distance to all building parts of min 2,5 cm. End of boards should not overhang by more than 5 cm over the subframe.

The first and the last substructure joist should be laid as double column with a centre distance of 15 cm and should be fixed at all support points. All other substructure elements should be fixed on the substructure at the ends.

On a terrace with multiple levels, each level should be laid as a separate terrace.

Terraces with less than 1m width require min 5 pieces substructure.

We recommend maximum sub structure centres of 40cm, measured from centre to centre and should never be exceeded.

## Deck Assembly

BPC decking can expand and contract depending on temperature and humidity. You must secure deck boards using the clips and correct screws.

You must leave an expansion gap of minimum 2.5cm between the deck and the house or other fixed surfaces. Where boards meet head-to-head you must leave min 5mm gap.

BPC can be sawn like wood. Hollow profiles should only be cut at 90°. All cuttings and fitting-pieces must rest on subframe.

The external groove of the first and last decking row will be fixed with start-/end-clip on each subframe. All other grooves on the surface area will be fixed with the connecting-clip.

The boards must be fixed on each subframe with separate clips.

At head-joints each end will be fixed with 2 separate clips. Never fasten 2 boards with a single clip to hold both boards.

Place the connecting clip next to the board. When feeding the next board, the clip slips to its position and can be fixed. This way, you can prepare multiple rows, feeding and tightening with a clamp. Then secure the clips in a sequence.

Fasten the outside edge of the last board with the end-clip. To do this, drill through the end clip and the lower groove cheek of the board at an angle and fasten the clip with the screw in the subframe.

## Finishing Work

Fasten the edge cover moulding from the sides with screws. On head-ends of the boards please fix the screw connection with a stretching distance of 8 mm between L-Profile and the boards.

## Care and Maintenance

Outdoor furniture shall have flat feet. Sharp-edged or pointed feet can damage the decking.

On new decking sometimes colour fringes or water spot can occur. Those will disappear after weathering; though you can remove yourself with water and patio-cleaner.

Mud, dirt, algae and moss can be removed with warm water and appropriate patio-cleaner. Stubborn build-up can be loosened with a plastic brush. Power washer (max 80bars) can be used. Do not use solvent based cleaners.

Damages like scratches or burn marks can be removed cautiously with steel wool, wire brush, abrasive paper or with a scouring pad.



## Warranty

BPC is produced with under continuous quality control. If there are single elements damaged, please separate and contact your dealer.

The warranty applies exclusively to manufacturing-related defects of the delivered goods. Defective Elements will be replaced by proper product.

Warranty claims will not be accepted for any product, which is installed in spite of visible defects or flaws. In case of improper use, faulty installation or failure to follow fitting instructions or usage of other elements a warranty claim is voided.

Pictures can vary and drawings are not to scale.

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