

## IMPRINT

Construction plan with FIX STEP

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Attach the FIX STEP fixtures centrally using a strip of retaining band, click into the panels and position, ensure the height adjustment is identical.

Position the FIX STEP DUO edge panels at the start of the terrace, distribute the FIX STEP standard fixtures in a parallel manner – pay attention to distances.

Position the FIX STEP DUO edge panel on each front side composite decking board gap in a staggered pattern. Position further FIX STEP DUO edge panels at the end of the terrace.

If required, turn the external FIX STEP panels in order to prevent a protrusion of the construction beams.

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If there is a groove in the construction beam, it may be necessary to use a groove bridge in order to also be able to securely fasten the locking clamp in the gap area.

When dealing with front-sided joints in a staggered pattern, centrally position the Distanz Fix onto the double sub-construction between the composite decking boards. On the exterior composite decking boards, screw the Distanz Fix into place from beneath. In order to do so, erect both panels, position the Distanz Fix, screw into place and then put them back down. Note: Ensure that the Distanz Fix does not touch the securing tape.

In order to lock the height (longitudinal side), insert half of the Arretier Fix into the lower gap on the panel joint and couple with the surrounding circumferential composite decking board. Also couple the subsequent composite decking board with the dual-sided Arretier Fix.

Once 4 panel rows have been laid, take a intermediate measurement and screw the respective locking clip row to the construction beams. Repeat until the penultimate composite decking board is reached.

Cut the construction beams to length, ensuring that a 10 mm protrusion remains and saw into the beam (see Detail (5)).

Cut the frontal side of the composite decking boards to size with a 15 mm protrusion, chamfer the cutting edge.

**SMOOTH EDGE BOARDS**

The frontal side of the smooth edge boards must be 12 mm shorter than the construction beams at the end of the terrace – pay attention to distances.

**BASIC STRUCTURE**

Frontal side and longitudinal side assembly of the smooth edge boards.

**RAISED STRUCTURE**

Assemble construction beam units measuring 80 mm in length complete with assembly clip at the start and end of each construction beam.

Screw double pieces on to the terrace corners using two assembly clips, indent the DUO panel where necessary.

Frontal side and longitudinal side assembly of the smooth edge boards.

**JOINT PROFILE**

**RAISED STRUCTURE**

Following the deck assembly, the P5 gap profile is inserted into the upper groove on the longitudinal and front faces with the aid of the roller attachment for the Zammer.

HOUSE SIDE

Terrace width

Terrace length

Starting point for the laying process

max. 650 mm

min. 2% recomm. gradient

max. 600 mm

max. 600 mm

max. 650 mm

min. 2% recomm. gradient

max. 600 mm

max. 600 mm

max. 750 mm

min. 2% recomm. gradient

max. 600 mm

max. 600 mm

max. 750 mm

min. 2% recomm. gradient

max. 600 mm

max. 600 mm

2%

4%

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1b

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Construction plan with concrete edge stone

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1b

2a

2b

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4a

5a

5b

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7a

**SUB-CONSTRUCTION**

**BASIC STRUCTURE**

Lay concrete edge stones (1000 x 250 x 50 mm) at a centre distance of 650 mm on the gravel bed with gradient, turn the frontal side inwards by 5 cm in the direction of the construction beams.

**RAISED STRUCTURE**

Lay concrete edge stones (1000 x 250 x 50 mm) at a centre distance of 750 mm on the gravel bed with gradient, turn the frontal side inwards by 100 mm in the direction of the construction beams.

**BASIC STRUCTURE**

Evenly distribute the construction beams (40 x 60 mm) transversely to the concrete edge stones (groove at the bottom), pay attention to a 50 mm protrusion.

**RAISED STRUCTURE**

Evenly distribute the construction beams (90 x 90 mm) transversely to the concrete edge stones, pay attention to a 100 mm protrusion.

Arrange two beams at the start and end respectively. Also position two beams (120 mm clearance) respectively on each front side composite decking board in a semi-offset pattern. Place 10 mm rubber pads beneath the construction beams and potentially compensate for gradient deviations using further rubber pads.

In the event of a terrace width greater than 3.6 m, always arrange the construction beam joints in an offset manner.

**BASIC STRUCTURE**

Cut the connecting clip to 320 mm, connect the beam joints with this clip and then tightly screw on one side.

Screw the ends of the construction beams throughout the entire edge area. Screw the two outer as well as the central construction beams with every second concrete edge stone. Cut the construction beams to size, ensuring they are flush. Saw into the construction beam, lock the locking clamp edge in the groove.

**RAISED STRUCTURE**

**Align the construction beams exactly!** Screw the sub-construction in the edge area as well as both start and end beams to the middle beam. Cut the construction beams to size, ensuring they are flush, 100 mm protrusion.

The 120 mm long construction beams measuring 60 x 40 cm are placed upright and then fastened to the ends of the construction beams on the left and right hand sides.

Screw the edge clip flush to the end of the construction beam in order to fasten the composite decking boards

Adhere securing tape to each construction beam. Do NOT apply the securing tape centrally on each double lower edge (see Distanz Fix positioning point 9).

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11a

11b

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If there is a groove in the construction beam, it may be necessary to use a groove bridge in order to also be able to securely fasten the locking clamp in the gap area.

Following the assembly of the first composite decking board, push the house connection profile to the panel end as a border strip to the house facade. Fix the composite decking board into place using a clip. Tighten the screw in such a manner that the clip is parallel with the lower edge.

Apply the next composite decking board, use a spacer if necessary. **Observe points 9 and 10.** Repeat the process until the terrace is fully laid.

When dealing with front-sided joints in a semi-offset structure, centrally position the Distanz Fix onto the double sub-construction between the composite decking boards. On the exterior composite decking boards, screw the Distanz Fix into place from beneath. In order to do so, erect both composite decking boards, position the Distanz Fix, screw into place and then put them back down. Note: Ensure that the Distanz Fix does not touch the securing tape.

In order to lock the height (longitudinal side), insert half of the Arretier Fix into the lower groove on the panel joint and couple with the surrounding circumferential composite decking boards. Also couple the subsequent composite decking board with the dual-sided Arretier Fix.

Once 4 panel rows have been laid, take a intermediate measurement and screw the respective locking clip row to the construction beams. Repeat until the penultimate composite decking board is reached. Cut the composite decking boards to length in the edge area facing the construction beams, chamfer the cutting edges.

In order to lock the height (longitudinal side), insert half of the Arretier Fix into the lower groove on the panel joint and couple with the surrounding circumferential composite decking boards. Also couple the subsequent composite decking board with the dual-sided Arretier Fix.

**BASIC STRUCTURE**

Once 4 panel rows have been laid, take a intermediate measurement and screw the respective locking clip row to the construction beams. Repeat until the penultimate composite decking board is reached. Cut the composite decking boards to length in the edge area facing the construction beams, chamfer the cutting edges.

**RAISED STRUCTURE**

Cut the composite decking boards to size in the edge area facing the construction beams, chamfer the cutting edge.

Instead of the Arretier Fix, cut one construction beam section to length and screw to one of the two front sides of the panel in order to lock the height (12 mm protrusion to the composite decking board) when completing the last composite decking board row. In order to do so, position and erect both composite decking board, screw the construction beam section (and Distanz Fix) and put the composite decking boards back down. Then fasten the panels with the edge lock clip (see Detail (9a) for edge clip.

**SMOOTH EDGE BOARDS**

The frontal side of the smooth edge boards must be 12 mm shorter than the construction beams at the end of the terrace – pay attention to distances. (see Detail (9b) for the Basic Structure and (9c) for the Raised Structure)

Circumferentially fasten smooth edge boards to the sub-construction. On the frontal side, screw the smooth edge board to the sub-construction beams. (see Detail (9b) for the Basic Structure and (9c) for the Raised Structure)

Screw every 500 mm in a parallel manner along the construction beams, apply spacer screws between the smooth edge board and the construction beam. (see Detail (9b) for the Basic Structure and (9c) for the Raised Structure)

**JOINT PROFILE**

**RAISED STRUCTURE**

Following the assembly of the deck, insert the P5 gap profile into the upper gap on the longitudinal and front ends using the Zammer roller attachment.

Care instructions

A min. 2% gradient makes care and cleaning easier. If the gradient is not observed, this may lead to the formation of water stains and organic substances are then able to settle and a higher degree of soiling is then probable. We recommend cleaning the terrace at least twice per year at temperatures of at least 15° C and to proceed as follows:

- Brush dry, loose dirt from the terrace deck.
- Sufficiently water the entire terrace deck.
- Allow the water to take affect for at least 15 minutes.
- Clean the terrace deck using water, a stiff brush or a scrubber and thoroughly rinse.

Our new megawood® scouring powder removes stubborn stains and is suitable for the surface cleaning of megawood® terraces.

Water stains may form in the transitional area between covered and uncovered areas as a result of precipitation and environmentally-related dust particles. These stains can generally be removed using water and a scrubber and do not represent cause for complaint. The effect of the water stains lessens in time but cannot be entirely avoided.

You will find additional care instructions in the terrace pass on our website: [www.megawood.com/downloads](http://www.megawood.com/downloads)

Colour maturation

SEL GRIS

INGWER

LORBEER

Water edges

After cleaning with water

AFTER LAYING

AFTER 1-2 MONTHS

AFTER 6-8 MONTHS

Fibre inclusions

For raw material reasons, small inclusions of natural fibres may occur. After being subjected to weathering, they may rise to the surface as a result of water absorption. A maximum amount of 0.03 % of the surface may be affected. The particle size may not exceed 0.5 cm.

The majority of the particles will disappear over time as a result of terrace use. They can also be mechanically removed. The product will not be damaged as a result. Based upon the EPFL (European Producers of Laminate Flooring), the particles that are visible from standing eye-level under vertical incidence of light are used for assessment purposes.

Natural fibre inclusion prior to treatment

Natural fibre inclusion following mechanical treatment