







Easy**Deck**® DOLOMIT



The EasyDeck® DOLOMIT terrace floorboard manages to impress with its unparalleled interplay of colour. The dimensions of the 193 mm deckboards and the 5 mm gap ensure the entire deck becomes a harmonious unit. With a wood fibre percentage of up to 75 %, the wood material is not only prominent, it can also be experienced.

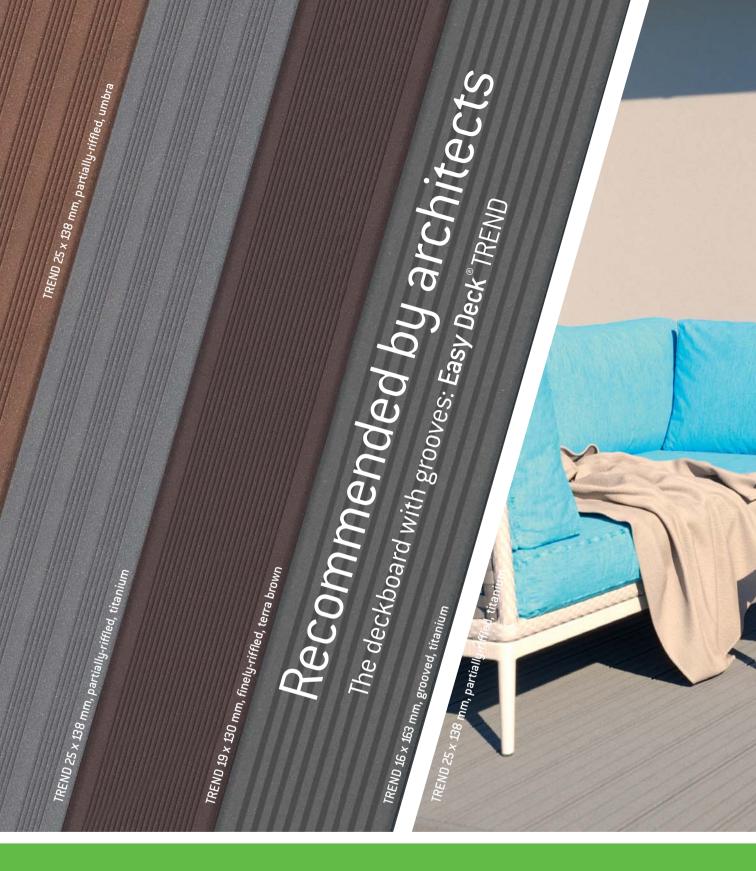
Available in brown and grey, the DOLOMIT is sure to fit seamlessly into your garden.



///////////////////////////////Easy**Deck**® GLACIER



The EasyDeck® GLACIER deckboard boasts a special surface with dynamically oscillating makeup. The soft waves give this deckboard its pronounced timber character. We provide a harmonious structure with a natural and random appearance to ensure that no two boards look alike. The floorboard with a width of 193 mm can be laid on both sides and can be purchased in terra and graphite.



////////////////////Easy**Deck**® TREND



Architects, designers and developers all agree: This deckboard goes with everything!

Whether a cubist city dwelling, a modern balcony or a Mediterranean garden.

The grooved or riffled structure of the TREND deckboard ideally unites depth and width.

It is both functional and impressive. Available in various widths and colours.





As a result, stone and wood fans both get their money's worth. The new POWOLIT material of to the EasyDeck® DOLOMIT base plate unites the qualities of wood and stone. The artistically droved surface in the new ecru, jade and platinum colours are extremely popular with terrace fans. And all of this as a base plate!

EasyDeck® deckboards

The new EasyDeck* range unites an attractive design, warm natural tones, the advantages of GCC with an intelligent sub-construction system to create a sustainable and durable deck. GCC-German Compact Composite is a PVC-free wood material manufactured in Germany. Environmentally-friendly binding agents and additives are combined with wood fibres in a patented production process. GCC is even approved for the manufacture of children's toys. Thanks to the high percentage of natural fibres (up to 75 %), GCC manages to achieve a remarkable surface hardness and a low thermal expansion.

Deckboard 16 x 193 mm Surfaces: structured and finely-riffled, can be laid on both sides Colours: terra brown and graphite Lengths: 300 cm and 400 cm Gap width: 8 mm (±0,5 mm) Deckboard 16 x 163 mm // Deckboard 19 x 130 mm Surfaces: finely-riffled and grooved, can be laid on both sides Colours: terra brown and graphite Lengths: 300 cm and 400 cm Gap width: 8 mm (±0,5 mm)

Deckboard 25 x 138 mm

Surfaces: partially-grooved, can be laid on one side

Colours: umbra and titanium Lengths: 300 cm and 400 cm Gap width: 8 mm (\pm 0,5 mm)





EasyDeck® Colours®



^{*} Differences in the floorboards are intended and underline the natural wood look. Mix the deckboards before laying them in order to support the effect.



/////// EasyDeck[®] deckboards



EasyDeck® DOLOMIT BASE PLATE

POWOLIT is an innovative material compound. With their positive characteristics, stone granules enhance the modern GCC terrace material — the German wood composite material. Thanks to its dense surface, this product is particularly suitable for outdoor surfaces that are subject to severe loads. The generously dimensioned DOLOMIT base plates can be easily and quickly laid on the tried-and-trusted EasyDeck® subconstruction. Laying the boards in a decoupled semi-offset formation enables the consruction of particularly large terrace decks. Many different design opportunities such as angles or recesses can easily be established with conventional wood processing tools. The Distance Fix ensures a joint dimension of only 5 mm on the heading joints located on the front side. At the same time, the Arretier Fix synchronises the height of the plate joints.

// DOLOMIT BASE PLATE 19 x 245 mm Material: POWOLIT Surface: one-sided, droved, matt, can be laid on one side Colours: ecru, jade and platinum Lengths: 199,5 cm [available in a length of 250 cm for mitre cuts] Gap width: 5 mm (±0,5 mm)

Advantage

- // All wood comes from sustainable forests
- // No PVC
- // Suitable for toys according to DIN 71-3
- // Extremely resistant against fungi and insects
- // High level of surface hardness
- // Slip-resistant brushed surface
- // No risk of injury caused by splinters
- // Imbued

- // Colour-resistant no greying caused by UV-radiation
- // Solid deckboard no hollow section
- // Unbelievably thin astoundingly resilient
- // Pleasant barefoot feeling excellent surefootedness
- // Great stability
- // Low brittleness
- // Simple processing just like wood
- // Systematic laying

//// Laying direction

Lay all of the floorboards in the same direction in order to obtain a homogenous surface effect. This is shown by an arrow in each of the deckboard grooves or by a label on the deckboard. Mix the deckboards before laying them. This ensures that the slight colour deviations on the floorboards emphasise the wood look.

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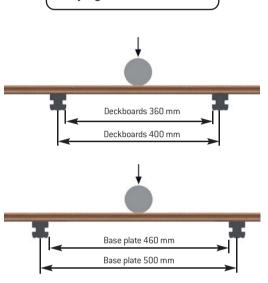
Laying direction ====>

Technical information

Mechanical characteristics of the deckboards an base plates

Three-point bending	Deckboards	Base plate
Support clearance:	360 mm	460 mm
Test speed:	20 mm/min	20 mm/min
Breaking load:	3.200 N*	3.200 N*

^{* 3.200} N corresponds to \approx 320 kg/board at a sub-construction centre to centre distance of 40 cm (deckboards) and 50 cm (base plate).



Production-related dimension tolerances of the EasyDeck® deckboards and base plates.

	Tolerance field	
0	300 cm, 400 cm 199,5 cm	± 0,0 / + 10.0 mm ± 0,0/ +2.0 mm
Profile width	130 mm, 138 mm, 163 mm, 193 mm, 245 mm	- 2.0 / + 1.0 mm
Profile thickness	16 mm, 19 mm, 25 mm	- 1.0 / + 1.0 mm

Dimension	measuring point	permitted dimension change after water absorption* guaranteed values	0pmerking
Length	maximum value	board length 300 cm \leq 9,0 mm board length 400 cm \leq 12,0 mm \leq 3 mm/m	tenminste 2 cm afstand t.o.v. vaste bouwdelen
Width max. 245 mm	centre board	max. ≤1,2 mm	
Thickness max. 19 mm	centre board	max. ≤ 0,5 mm	

^{*} in the event of exposure to outdoor weathering and construction executed in accordance with the construction manual

Colour development



 $[\]ensuremath{^{*}}$ Example illustrations of the natural colour maturation

///// EasyDeck® ConStep

We offer you simple handling and fast laying with the EasyDeck® ConStep system. Time-consuming preparation work tasks such as pre-drilling in concrete are now a thing of the past. Thanks to the low weight of the system components and the variable height adjustment, it is easy to implement special construction designs such as roof terraces. The connecting strip also offers the advantage of being able to lay terraces larger than 12 x 12 m without the need for an expansion joint.

Article overview



ConStep mounting plate



ConStep double mount



ConStep single mount



ConStep assembly clip



Perforated tape



Construction beams 40 x 40 mm and Fastening screw for sub-construction 7.5 x 92 mm



Connecting clip



ConStep NEW Locking clamp (one-part)



ConStep Edge clamp (two-part)



Clip & and edge clip incl. screws



Groove bridge



ConStep rubber pad 300 x 300 x 10 mm x 5 mm x 3 mm



Rubber pad 100 x 60 x 20 mm x 10 mm x 3 mm



Distance Fix for establishing a gap width (5 mm/8 mm)



Arretier Fix for the height locking of the butt joints in a semioffset pattern (5 mm gap)



Self-adhesive retaining band



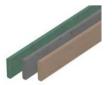
Connection profile brown, grey 3000 x 17 x 60 mm



Connection profile terra brown, graphite 3000 x 17 x 60 mm



Connection profile umbra, titanium 3000 x 17 x 60 mm



Connection profile POWOLIT ecru, jade, platinum 2395 x 17 x 72 mm



Fastening screw for connection profile



M6 x 40 mm screw in order to screw short floorboard sections



Online planner – Terrace

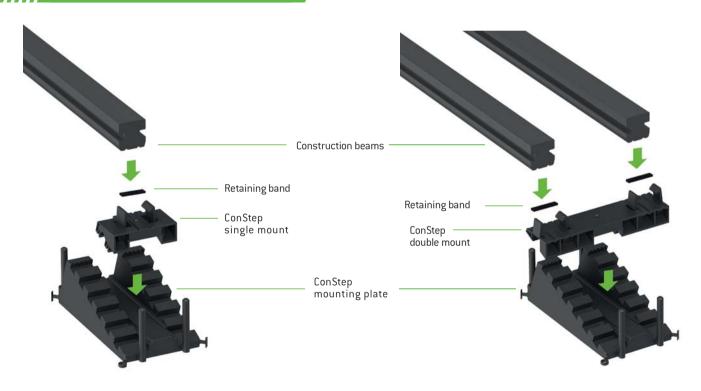
The terrace planner is the tool before the tool. Create your new deck on the computer and generate material lists, laying plans for the sub-construction as well as for the deckboards. Try it out: www.easydeck.de/planer. You can discover where EasyDeck® as well as the accessories can be purchased at www.easydeck.de/dealer

Planning principles for all construction designs

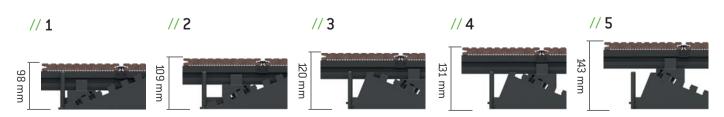
Avoid contact between the construction elements and the ground. Ensure that the subsoil is firm and has a good bearing capacity. For applications that require an official technical approval, a static sufficiently measured, bearing and walkable foundation as a support for Easydeck® deckboards / sub-constructions is also required. Only use EasyDeck® construction beams. In principle, all holes must be pre-drilled so that the part to be fixed is 2 mm larger and the retaining drill hole is 1 mm smaller (0.5 mm in the case of metric screws) than the screw diameter. Observe the minimum clearances of the expansion joints so that the construction can expand without force if necessary. Do not lash down or brace the terrace during construction. The deckboard must maintain a distance of 2 mm to all fixed components. Ensure a sufficient amount of ventilation from underneath by observing the joints. Do not fill cavity spaces between the level surface of the gravel and sub-construction elements. The minimum gradient is 2%. The maximum deckboard protrusion over the last sub-construction is 50 mm.

Production-related dimension tolerances regarding length, width and thickness are to be taken into account during assembly. All dimensions must be examined on site. Only use original EasyDeck® parts and observe the rules contained in this construction manual. Otherwise no warranty can be provided.

ConStep - Structural design



Min. installation heights

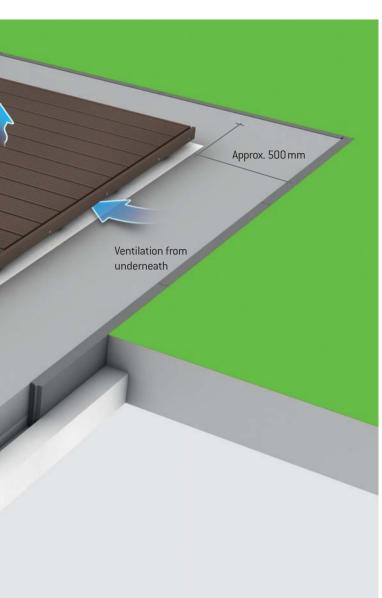


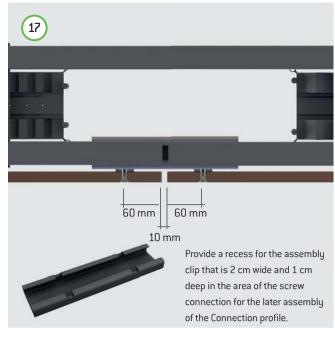


Preparation

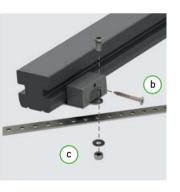
- 1. Establish a ballast bed (including drainage) that is circumferentially larger than the terrace by 500 mm with a $4\,\%$ gradient.
- 2. Create a ballast bed using crushed stone with a 2% gradient.
- In all ConStep mounting plates, click all single and double mounts at the same height and centrally adhere into place using a piece of retaining band.
- 4. Position a ConStep panel with a double mount at a distance of 80 mm to the house wall and with a maximum 500 mm centre distance to the next ConStep panel with double mount.
- Position the ConStep panel with single mount at a maximum 400 mm centre distance to the next row.

- Conclude the end of the terrace with a ConStep double mount. Click the sub-construction into place.
- 7 Minimise protrusions. In order to do so, rotate the ConStep panel where necessary.
- 8. In the event of terrace sizes with a construction beam length > 3 m: Saw the ConStep connecting strip to a length of 250 mm, screw on one side and, in doing so, observe the beam expansion gap of 10 mm.
- 9. In the event of terrace sizes with a deckboard length > 3 m: The later assembly of the connection profile to the side butt joint of the ConStep double mount must be positioned as illustrated.
- 10. Check the distances of the entire sub-construction, compensate for unevenness and gradient inaccuracies using crushed stone.















- 11. In a crosswise manner, reinforce the entire sub-construction with perforated tape via the ConStep assembly clip.
- 12. When laying the floorboard, equip the top of the central construction beam with retaining band to prevent slipping.

Assembly of the floorboards

- 13. At a distance of 12 mm from the edge, saw a 5 mm deep and 2 mm wide cut into the construction beams on the side on which the floorboards shall be laid. Position the edge clamp into this groove and, using pliers, fasten together with the construction beam and push the floorboard into the edge clamp.
- 14. Position the joined locking clamp on to the construction beam, push against the deckboard and lock using pliers. Using the supplied screw, lock the locking clamp on to the construction beam in every third row of deckboards.

- 15. After the penultimate deckboard, determine the required width for the last floorboard and saw the construction beams flush. In doing so, note that the deckboard protrusion should measure 15 mm.
- 16. On the frontal side, pre-drill the connection profile in the direction of the construction beam accordingly (0.5 mm smaller) and screw into place with a metric screw. Proceed as illustrated in Step 9 when dealing with butt joints.
- 17 Assemble the connection profile parallel to the construction beam using a fastening screw. The screw connection must be located no further than 60 mm from the ends of the floorboards and at intervals no greater than 50 cm. The connection profile butt joint assumes the sub-construction connection profile.



The sub-construction can also be constructed on concrete edge stone or borders provided that the construction beam centre distances as illustrated in the instructions are observed. In doing so, please note that the construction beams at the start, middle and end of the deckboard as well as the side support points of the construction beams must be anchored to the concrete slabs. In accordance with constructive wood preservation principles, we recommend always laying with a gradient of at least 2 % in the direction of the deckboard in order to ensure that the water can be guided away from the house. Observing this recommendation prevents water stains and waterlogging as well as further damage to the building.

Herringbone pattern

(5) Construction beams

6 Retaining band

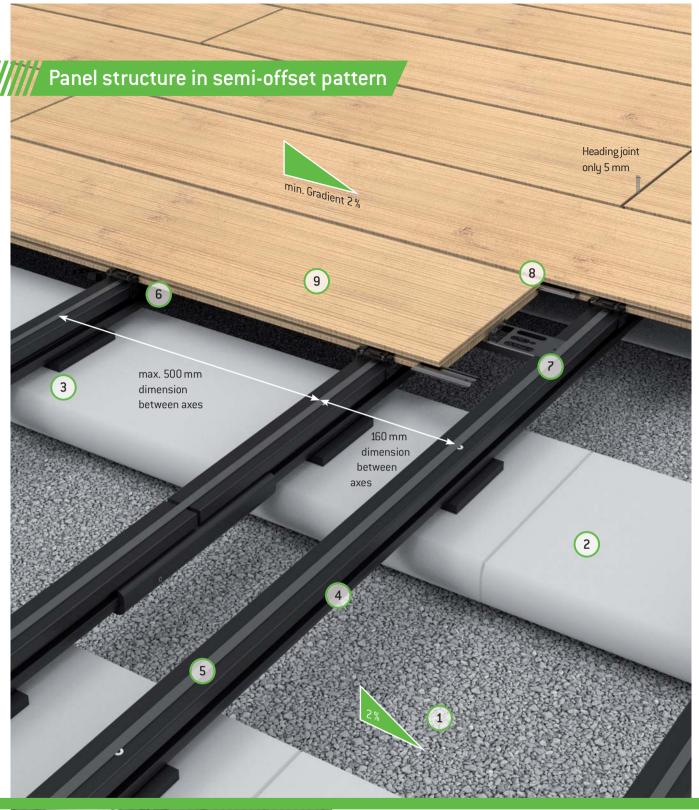
(7) Securing clamp

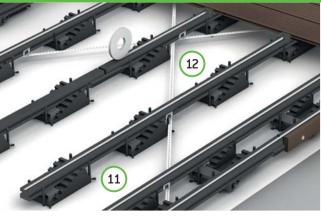
9 Connection profile

8 Deckboard

Min. frontal side distance of the floorboards of 0.8 cm. At the joint of two deckboards, use a construction beam at the start and end of the deckboards respectively







- 1 Gravel or ballast bed
- 2 Concrete edge stone
- 3 Rubber pad
- 4 Construction beams
- 5 Retaining band
- 6 Securing clamp
- 7 Distance Fix (see product description page 13)

- 8 Arretier Fix (see product description page 13)
- 9 DOLOMIT base plate
- 10 Connecting clip
- 11 ConStep
- (12) Perforated tape

ConStep structural design 19



BLICKFANG fencing system



The EasyDeck® Blickfang gains all the attention! The ecru, platinum and jade marbled, corrugated panels give each Blickfang a personal touch. Solid oval posts open up individual design options in your garden. The crossbeams manufactured from our solid construction wood can be effortlessly engaged with the innovative transom connectors. Available in system dimensions, the Blickfang fencing system can also be individually tailored to your garden needs. Install angles, recesses, inclines or even stepped gates.

EasyDeck® BLICKFANG

// POST OVAL Dimensions: 60 x 90 mm Colours: terra brown and graphite Lengths: 220 cm, 270 cm (available in a 360 cm version for structures which are adapted to the slope) 25 year guarantee against rotting in the ground.

// PANEL

Dimensions: 35 x 270 mm

Lengths: 160,2 cm
(available in a 210 cm version
for structures which are adapted
to the slope)

Thickness: 6 mm

Colours: jade, ecru and platinum

Requirement: 7 units per field





// TRANSOM

Dimensions: 40 x 112 mm

Colours: terra brown and graphite

Lengths: 178,6 cm

(available in a 360 cm version for structures which are adapted to the slope)

// FENCE SET WITH STAINLESS STEEL BAR

Gradient on up to 10% without a diagonal cut to the panels
Set for 1 fence section includes:
2 stainless steel bars
incl. post fastening
1 insert bar
7 Panels (jade, ecru or platinum) incl. accessories

Posts are available separately. Can also be combined with all other post system types.



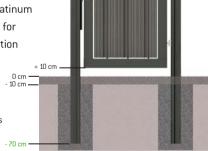
// DOOR AND GATE

Dimensions: 102 x 185 cm (Frame:112 x 270 cm)

Colours:

Frame: terra brown and graphite Panels: jade, ecru and platinum incl. fittings, pre-aligned for profile cylinders, Production available on request

Attention: Connect the frame to the post in a force-locking manner using 5 M8 x 80 screws per side, connect and then encase into concrete together. -70 cm



BLICKFANG accessories

// BASE PLATE - POST

Dimensions: 120 x 120 mm Requirement: 1 unit per post Material: galvanised steel Thickness: 8 mm

incl. 4 screws (M8 x 80 mm) per plate



// PANEL HOLDER

Requirement: 16 units per field **Material:** stainless steel



// TRANSOM CONNECTORS, TWO-PART

POSTS / TRANSOM

Requirement: 2 units per transom Material: blackened stainless steel incl. 4 screws [M6 x 30 mm] per connector





Fence configurator – BLICKFANG

This brochure illustrates the structure of the system elements and the fundamental assembly procedures for you. However, it is unable to depict all versions. Please use our fence configurator that is available online at www.easydeck.de/blickfang for individual structure versions. The diverse planning opportunities and the associated construction drawings make it possible to utilise the fencing system Blickfang according to your personal needs.

Structure versions

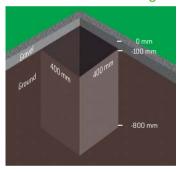




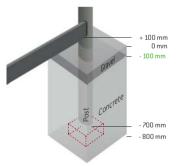
The Blickfang can be assembled in various ways. Height differences in the terrain can be easily tackled with diagonal sections or the flexible stainless steel bar. The fence sections can be positioned at any desired angle thanks to the individual fastening option of the connector to the oval post. The Blickfang system sizes can be installed on inclines measuring up to 3%. Please use the special lengths for structures with an incline equal to or greater than 3% or the fence set with stainless steel bars for inclines of up to 10%.

Anchoring options

Cemented assembly

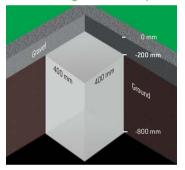


Dig all of the foundation holes. [400 x 400 x 800 mm]



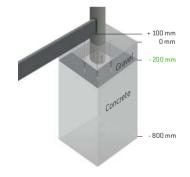
Fill the foundation hole with concrete to a depth of 100 mm. Position the frame in the foundation hole at a depth of -700 mm. Precisely apply the lower edge of the post with the aid of a small brick. Apply concrete into the foundation hole to a level of -100 mm. All posts must be vertically aligned.

Assembly on base plate



A separate, suitable foundation is required. For this purpose, dig all of the foundation holes (400 x 400 x 800 mm) and fill with concrete to a height of between -800 mm and -200 mm.

Allow to fully harden. Alternatively, a suitable anchoring system can be installed on-site.



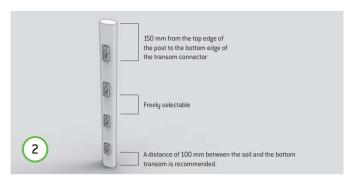
Pre-drill the holes on the post for the base plate (7.5 x 85 mm). Screw the base plate to the oval post (3 M8 x 80). Fasten the base plate complete with post to the foundation using a suitable anchoring system. All posts must be vertically aligned.

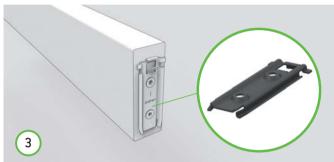
Planning principles

This EasyDeck® construction manual is the basis for all construction versions. No liability will be assumed for deviations from the construction manual or if non-original EasyDeck® articles are used. Only use the post measuring 2.20 m in length when assembling by means of screwing; higher structures do not correspond with the static requirements. In principle, all holes must be pre-drilled 0.5 mm smaller than the screw diameter. Countersink the drill holes for the transom connectors in order to ensure complete contact. Observe a drill hole edge distance of at least 10 mm. When assembling the posts and transoms, please observe the 12 mm clearance so that the construction is able to expand without force if necessary. The full engagement of the transom connectors when performing the final assembly ensures complete stability. Assembly and production-related dimension tolerances regarding length, width and thickness are to be taken into account during assembly. All dimensions must be examined on site.

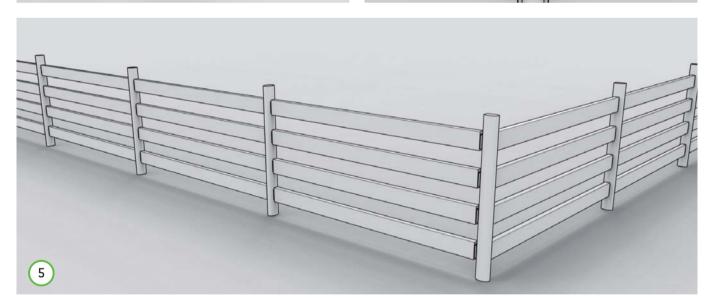
Fence assembly procedure









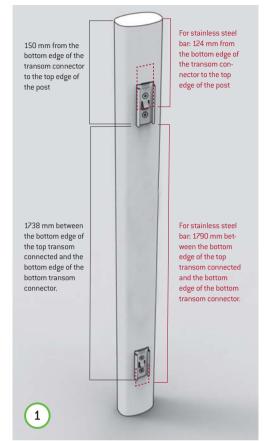


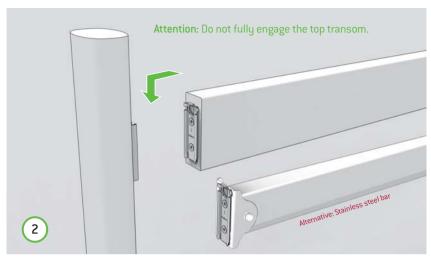
FENCE ASSEMBLY PROCEDURE

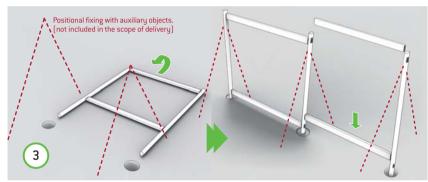
- Screw the "Pfosten" connecting part to the post. Pay attention to the "OBEN" labelling. Using a 5.5 mm drill, pre-drill and countersink the holes to 35 mm.
- Screw the "Pfosten" connecting part to the post at equally spaced intervals.
 Please not that the bottom fence transom has a gap measuring at least
 100 mm to the ground.
- 3. Centrally position, mark, countersink and screw the "Riegel" connecting part to the frontal sides of the transom.

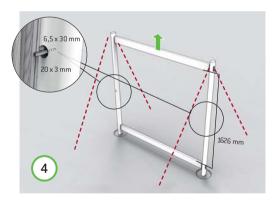
- 4. Insert the bottom and top transoms but do not fully engage the top transom.
- 5. Position the pre-assembled frame and vertically concrete / screw into the foundation. Please see "Anchoring options". Once the concrete has set or after the screwing process has been completed, remove the top transom, insert all of the missing transoms from beneath and fully engage.

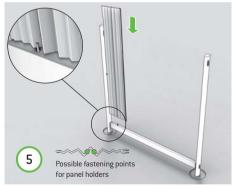
Privacy screen assembly procedure













FRAME CONSTRUCTION

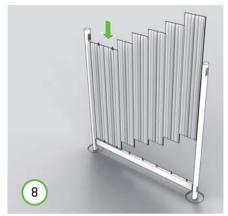
- Screw the "Pfosten" connecting part to the post. On the frontal sides of the transom, centrally position and screw the "Riegel" connecting part. Using a 5.5 mm drill, pre-drill and countersink the holes to 35 mm. (The bar connector is pre-assembled on the stainless steel bar.)
- 2. Fully engage the lower transom on the post. Apply the top transom but do not fully engage.
- 3. Position the pre-assembled frame and vertically fasten in the foundation (encased in concrete/screwed). Please see "Anchoring options". Create all further frames. In order to do so, screw the "Pfosten" connecting part to the next post. Centrally position and mark the "Riegel" connecting part to the frontal sides of the transom. Using a 5.5 mm drill, pre-drill and counter-

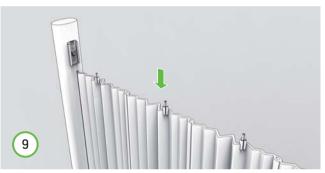
sink the holes to 35 mm and screw into place. Vertically fasten the post in the foundation, fully engage the bottom transom and apply the top transom.

PANEL ASSEMBLY

- 4. Remove the upper fence transom. When dealing with the side panel holder, pre-drill the hole to a depth of 30 mm (6.5 mm drill) in the centre of the post and countersink to a depth of 3 mm (20 mm) drill. Fasten the panel holder (please see detail).
- 5. Insert the first panel into the side panel holder and determine the lower drill hole in the transom for the lower panel holder, then mark and pre-drill. Apply the lower panel holder to left or right hand side of the first panel at the centre of the highest corrugation. Insert the panel complete with panel holder (please see detail).

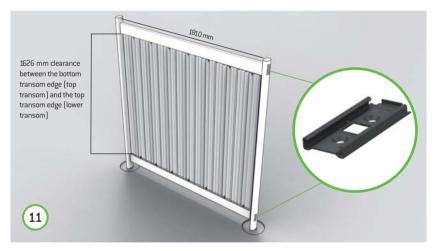














- Determine the next drilling location, mark and pre-drill to a depth of 25 mm (using a 6.5 mm drill).
- 7. Connect the further panels by inserting into the previous panel and fasten with a lower panel holder.
- 8. Insert further panels. When dealing with the last panel, pay attention to the additional side fastening with the panel holder (see details 4).
- Equip the upper edge of the panel with the panel holders and apply the upper transom but do not fully engage. Precisely mark the position of the drill holes for the upper panel holder and pre-drill to a depth of 25 mm (6.5 mm drill).
- 10. Apply the top transom and fully engage.
- 11. Assemble the next fence section in the same manner.

STAINLESS STEEL BAR

- 7a Place the insert bar into the lower stainless steel bar (in the event of horizontal structure) in order to align the height of the panels. They can now be positioned.
- 10a Connect the panels by inserting into the respective previous panel. Apply the upper stainless steel bar and fully engage. Using a threaded pin and cap nut, fasten the first and last panel to the lower and upper bar (the holes in the bar have been pre-drilled).
- 11a Assemble the next fence section in the same manner.

Please use our fence configurator that is available online at www.easydeck.de/blickfang for individual structures, e.g. inclined adaptation to the slope.





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Your dealer



