Decking // fencing // privacy screen

EasyDeck® System

www.easydeck.de
All hands on deck!

A special interplay of colours on the Easy Deck® DOLOMIT

DOLOMIT 16 x 93 mm, structured grey
DOLOMIT 16 x 93 mm, structured brown

EasyDeck® DOLOMIT
The EasyDeck ® DOLOMIT terrace deckboard 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.
Waves of excitement

Oscillating make up on the Easy Deck® GLACIER

EasyDeck® GLACIER
The EasyDeck® GLACIER deckboard boasts a special surface with dynamically oscillating make up. 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 deckboard measuring 193 mm in width is available in terra brown and graphite.
Recommended by architects

The deckboard with grooves: The Easy Deck® TREND

TREND 16 x 16 mm, finely-riffled, terra brown

TREND 16 x 16 mm, grooved, graphite

TREND 25 x 19 mm, partially-riffled, titanium

TREND 25 x 19 mm, partially-riffled, umbra

NEW

TREND 19 x 130 mm, finely-riffled, terra brown

NEW
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. Creative according to the rules of the golden ratio, it is both functional and impressive. Available in various widths and colours.
EasyDeck® deckboards

// DOLOMIT
Deckboard 16 x 193 mm
Surface: Structured, polished
Colours: Brown and grey
Lengths: 300 cm and 400 cm
Gap width: 5 mm (±0,5 mm)

// GLACIER
Deckboard 16 x 193 mm
Surfaces: Structured and finely-riffled
Colours: Terra brown and graphite
Lengths: 300 cm and 400 cm
Gap width: 8 mm (±0,5 mm)

// TREND
Deckboard 16 x 163 mm // Deckboard 19 x 130 mm
Surfaces: Finely-riffled and grooved
Colours: Terra brown and graphite
Lengths: 300 cm and 400 cm
Gap width: 8 mm (±0,5 mm)

Deckboard 25 x 138 mm
Surface: Partially-riffled, can be laid on one side
Colours: Umbra and titanium
Lengths: 300 cm and 400 cm
Gap width: 8 mm (±0,5 mm)

EasyDeck® Colours

// All wood comes from sustainable forests
// No PVC
// 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
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.

### 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. Mix the deckboards before laying them. This ensures that the slight colour deviations on the floorboards emphasise the wood look.

### Technical information

#### Mechanical characteristics of the deckboards

**Three-point bending**

Support clearance: 360 mm  
Test speed: 20 mm/min  
Breaking load: 3,200 N*

* 3,200 N corresponds to ≈ 320 kg/board at a sub-construction centre to centre distance of 40 cm.

**Production-related dimension tolerances of the EasyDeck® deckboards.**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Tolerance field</th>
</tr>
</thead>
<tbody>
<tr>
<td>Profile length</td>
<td>± 0,0 / + 20,0 mm</td>
</tr>
<tr>
<td>Profile width</td>
<td>– 2,0 / + 1,0 mm</td>
</tr>
<tr>
<td>Profile thickness</td>
<td>– 1,0 / + 1,0 mm</td>
</tr>
</tbody>
</table>

**Dimensions**  
Measuring point  
permitted dimension change

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Measuring point</th>
<th>permitted dimension change guaranteed values</th>
<th>comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>maximum value</td>
<td>board length 300 cm</td>
<td>≤ 9,0 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Brettänge 400 cm</td>
<td>≤ 12,0 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>≤ 3 mm/m</td>
</tr>
<tr>
<td>Width</td>
<td>centre board</td>
<td></td>
<td>≤ 2 mm</td>
</tr>
<tr>
<td>Thickness</td>
<td>centre board</td>
<td></td>
<td>≤ 1,5 mm</td>
</tr>
</tbody>
</table>

**Fabrication-related dimension tolerances of the EasyDeck® deckboards.**

### Colour development

* Example illustrations of the natural colour maturation

- **Brown**
- **Grey**
- **Terra brown**
- **Graphite**
- **Umbra**
- **Titanium**

- after laying
- after 1–2 months*
- after 6–8 months*
We offer you simple handling and fast laying with the new 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**

- EasyDeck® ConStep mounting plate
- Easy Deck ConStep double mount
- EasyDeck® ConStep single mount
- EasyDeck® ConStep assembly clip
- Perforated tape

- Construction beams
- Connecting clip
- Locking clamp [two-part]
- Edge clamp [two-part]
- Clip & and edge clip incl. screws

- Fastening screw for connection profile 10 pcs. / pack
- ConStep rubber pad 300 x 380 x 10 mm x 5 mm x 3 mm
- ConStep rubber pad 100 x 60 x 20 mm x 10 mm x 3 mm
- Fastening screw for sub-construction 7,5 x 92 mm
- Self-adhesive retaining band

- Groove bridge
- Connection profile, planed, polished, brown, grey 3000 x 17 x 60 mm
- Connection profile, umbrella brown, graphite, 3000 x 17 x 60 mm
- Connection profile, umbrella titanium 3000 x 17 x 60 mm
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® 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 5 cm. 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 50 cm with a 4% gradient.
2. Create a ballast bed using crushed stone with a 2% gradient.
3. 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 8 cm to the house wall and with a maximum 50 cm centre distance to the next ConStep panel with double mount.
5. Position the ConStep panel with single mount at a maximum 40 cm centre distance to the next row.
6. 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 25 cm, screw on one side and, in doing so, observe the beam expansion gap of 1 cm.
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 1.2 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 1.5 cm.

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 6 cm 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.

Provide a recess for the assembly clip that is 2 cm wide and 1 cm deep in the area of the screw connection for the later assembly of the connection profile.
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.

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.
Online planner

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/planner. You can discover where EasyDeck® as well as the accessories can be purchased at www.easydeck.de/dealer.
Blickfang fencing system

dimensionally-stable, customisable, combinable

Panel, wavy, platinum, marbled
The EasyDeck® Blickfang gains all the attention! The ecru, platinum and jade marbled, wavy 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.
EasyDeck® Blickfang

// POST OVAL
Dimensions: 60 x 90 mm
Colours: Terra 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.

// BASE PLATE – POST
Dimensions: 120 x 120 mm
Bedarf: 1 unit per post
Material: Galvanised steel
Thickness: 8 mm
incl. 4 screws (M8 x 80 mm) per plate

// 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

// Panel holder
Requirement: 6 units per field
Material: Stainless steel

// TRANSOM
Dimensions: 40 x 112 mm
Colours: Terra and graphite
Lengths: 178.6 cm
(available in a 360 cm version for structures which are adapted to the slope)

// TRANSOM CONNECTORS, TWO-PART
POSTS / TRANSOM
Requirement: units per transom
Material: Blackened stainless steel
incl. 4 screws (M6 x 30 mm) per connector

// DOOR AND GATE
Dimensions: 102 x 185 cm
(Frame: 112 x 270 cm)
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.

// Posts can be directly inserted into the ground
// Simple assembly system combined with excellent stability
// Colour-resistant — no greying caused by UV-radiation
// Individual design options
// 100% wood from sustainable forests
// No risk of injury caused by splinters
// No PVC

Blickfang colours

Terra  Graphite
Ecru  Platinum  Jade
The new EasyDeck® Blickfang fencing system offers diverse visual protection and fencing combination opportunities. The connection is established by the innovative transom connector as well as special panel holders. Available in system dimensions, the fencing system Blickfang can also be individually tailored to your garden needs. Install angles, recesses, inclines or even stepped fences. 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.

Adaptation to the slope

Angle structure

The Blickfang can be assembled in various ways. Height differences in the terrain can be easily tackled with diagonal sections. 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%.
Planning principles

This EasyDeck® construction manual is the basis for all laying 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 bar 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.

Anchoring options

Cemented assembly

Dig all of the foundation holes. (40 x 40 x 80 cm)

Fill the foundation hole with concrete to a depth of 10 cm. Position the frame in the foundation hole at a depth of -70 cm. 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 -10 cm. 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 (40 x 40 x 80 cm) and fill with concrete to a height of between -80 cm and -20 cm. 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 mm). Fasten the base plate complete with post to the foundation using a suitable anchoring system. All posts must be vertically aligned.

Online planner – Blickfang

Discover the various fence design options with the Blickfang fencing configurator. Individual structure versions, material lists and construction drawings for your Blickfang are available at: www.easydeck.de/bllickfang
FENCE ASSEMBLY PROCEDURE

1. Screw the “Post” connecting part to the post. Pay attention to the “TOP” labelling. Using a 5.5 mm drill, pre-drill and countersink the holes to 35 mm.

2. Screw the “Post” connecting part to the post at equally spaced intervals. Please note that the bottom fence bar has a gap measuring at least 10 cm to the ground.

3. Centrally position, mark, countersink and screw the “transom” connecting part to the frontal sides of the bar.

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

1. Screw the “Post” connecting part to the post. On the frontal sides of the transom, centrally position and screw the “transom” connecting part. Using a 5.5 mm drill, pre-drill and countersink the holes to 35 mm.

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 “Post” connecting part to the next post. Centrally position and mark the “transom” connecting part to the frontal sides of the transom. Using a 5.5 mm drill, pre-drill and countersink the holes to 35 mm and screw into place. Vertically fasten the post in the foundation, fully engage the bottom bar 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 a).

5. Insert the first panel into the side panel holder and determine the lower drill
6. 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 a).

9. 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.

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