made in Germany
megawood®
www.megawood.com/en

CONSTRUCTION PLAN

DECKING SYSTEM WITH CONCRETE KERBSTONE

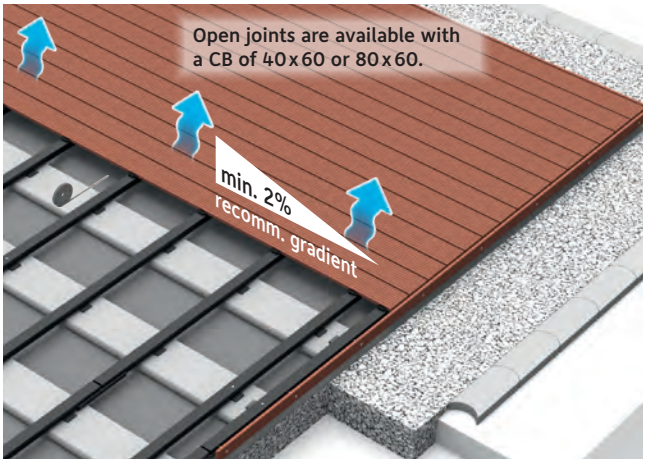
megaplaner 3d
PLANNING SOFTWARE

_Virtually create the terrace in your own garden via the app
_Available as a download for tablets and smartphones

CERTIFIED
cradle to cradle
GOLD

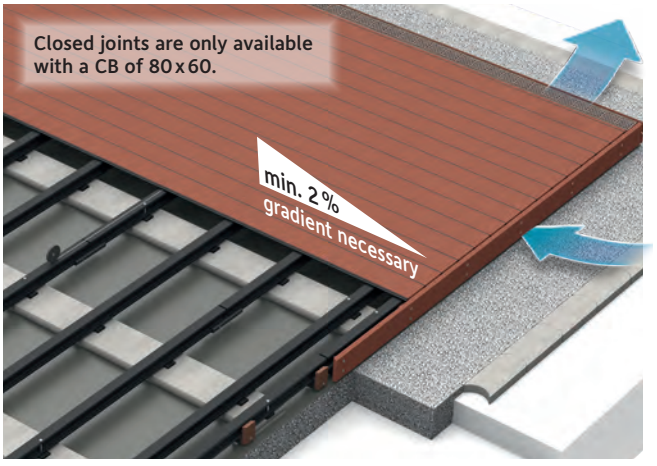
Construction variants

OPEN GAP



without groove strip/P5 gap profile

CLOSED GAP

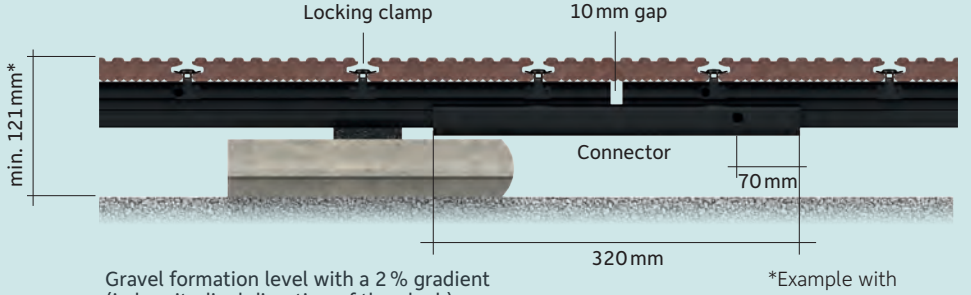


without groove strip/P5 gap profile

With groove strip/P5 gap profile. A min. 2% longitudinal gradient of the board is compulsory with an elevated design of min. 161 mm, as is an adequate ventilation from below and the rear respectively (e.g. use of ventilation grilles, keeping distance from rhombus profiles).

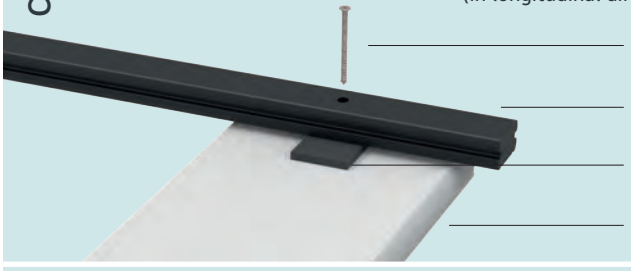
Installation heights

CONCRETE KERBSTONE Basis Construction



Gravel formation level with a 2 % gradient (in longitudinal direction of the plank)

*Example with 21 mm floorboards



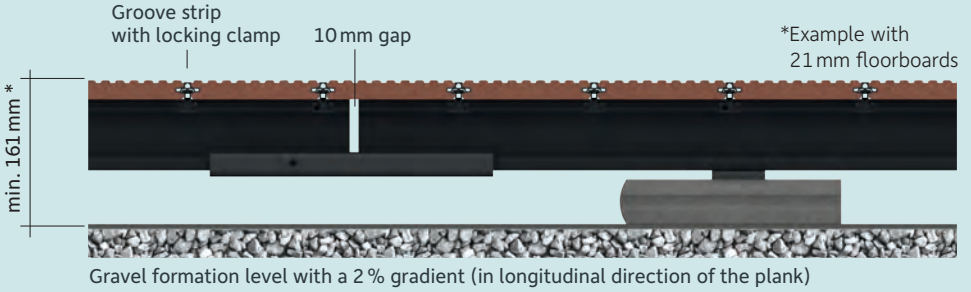
Screw (7.5 x 92 mm, pre-drill!)

Construction beams (40 x 60 mm)

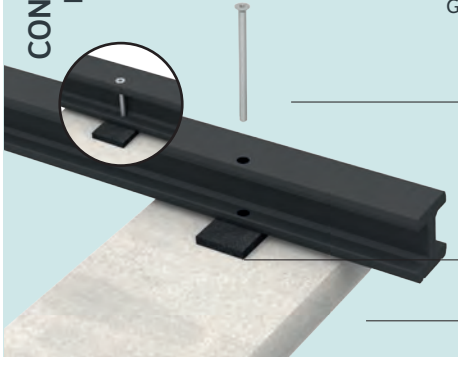
Rubber pad (10 x 100 x 60 mm) for height compensation measuring 3/10/20 mm

Concrete kerbstone (50 x 1000 x 250 mm) (available from building material dealers)

CONCRETE KERBSTONE Elevated Construction



Gravel formation level with a 2 % gradient (in longitudinal direction of the plank)



Screw (7.5 x 132 mm, pre-drill!)

Construction beams (80 x 60 mm)

Rubber pad (10 x 100 x 60 mm) for height compensation measuring 3/10/20 mm

Concrete kerbstone (50 x 1000 x 250 mm) (available from building material dealers)

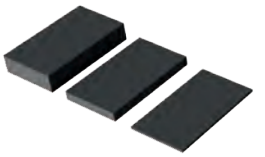
Article overview

CONSTRUCTION BEAM
80 x 60 mm | L: 400 cm

CONSTRUCTION BEAM
40 x 60 mm | L: 360 cm

CONNECTOR
for construction beams
28 x 76 mm | L: 360 cm

RUBBER PAD
60 x 100 mm
Thickness: 3/10/20 mm



FASTENING SCREW
for CB 80 x 60
7.5 x 132 mm, incl. tx 30
and SDS drill
(Ø 6.5 mm)

FASTENING SCREW
for CB 40 x 60
7.5 x 92 mm, incl. tx 30
and SDS drill (Ø 6.5 mm)

RETAINING BAND
L: 10 m (on a roll),
self-adhesive

GROOVE BRIDGE
55 x 8 x 10 mm, for fastening the
locking clamp on a construction
beam gap

LOCKING CLAMP and
LOCKING EDGE CLAMP
incl. screws
(4 x 30 mm)

OR

CLIP and **EDGE CLIP**
incl. screws (4 x 35 mm),
Bit tx 20

SCREW SET
4 x 30 mm

SCREW M6 x 40 MM
for mounting short pieces
of board with a bevel
or mitre cut, mounting of
ventilation grille

FASTENING SCREW
M8 x 40 und M8 x 80
for rhombus profile
(as a closing strip) with nut
and washer

DISTANZ FIX
incl. screws
Spacer for front-end joints
(when laying in a pattern)

ARRETIER FIX
for locking the height
of the butt joints in place

GROOVE STRIP (on a roll)
21 mm | L: 25/100 m,
for closed gap
(CLASSIC, PREMIUM,
PREMIUM PLUS)

P5 GAP PROFILE
on a roll, for closed
CLASSIC (Varia)
longitudinal gap

RHOMBUS PROFILE
as a closing strip
20.5 x 81 mm | L: 420 cm
available for all
board colours

HOUSE CONNECTION PROFILE
incl. foam profile
21 mm | L: 400 cm
silver/bronze/anthracite,
25 mm | L: 400 cm
silver/anthracite

DISTANCE KEEPER
assembly aid for setting the
floorboard gaps (approx.
5 mm/approx. 8 mm)

ZAMMER | ROLLI
for the locking clamp fastening,
Zammer attachment for the
retraction of the P5 gap profile

Planning principles

General information

- The megawood® construction plan forms the basis for all the laying variations! No warranty is provided in the event of deviations being made from the construction plan or for any items used other than original megawood® items!
- Lay the terrace floorboards in a longitudinal direction with an adequate gradient to ensure that water is always able to drain from the deck. This conforms with the principles of structural wood preservation. The risk of water stains, waterlogging and build up of organic substances is also reduced by following this principle.
- A min. gradient of 2 % is recommended for deck superstructures with an open gap. A min. gradient of 2 % is absolutely necessary for deck superstructures with a closed gap.
- The unique geometry of the DELTA decking board with its cross-structuring enables it to be laid without any gradient at all.
- Always ensure sufficient ventilation from beneath and the rear of the deck, e.g. with the megawood® ventilation grid.
- **Use our PREMIUM 21 x 242 mm decking board (with a centre distance of 40 cm) or the DYNUM 25 x 293 mm (with a centre distance of 65 cm) for applications that require planning permission.**
- When constructing the terrace, the wind load is to be considered as an uplifting load.
- Coordination with the manufacturer must take place and respective approval must be obtained in the event of special structures that deviate from this construction plan or the online planner in order for any potential warranty claims to be accepted.
- Ensure an unrestrained expansion of the terrace deck (min. distance of 20 mm between the floorboards and solid components)!
- Rod-shaped components that are screwed onto a rigid sub-construction always have their fixed point in the centre and are positioned so that they glide outwards in order to compensate for thermal expansion and expansion resulting from water adsorption.
- **Pre-drill all the holes before screwing in place.**
- When using metric screws, predrill all holes so that the part that is to be fixed in place is 2 mm larger and the retaining drillhole is exactly 0.5 mm smaller than the screw diameter!
- All dimensions are to be checked on site!

Preparation and sub-construction

- **Prepare the ground** around all sides 500 mm larger in size than the terrace deck and with a 4 % gradient.
- Prevent a water backlog by using an adequately dimensioned drainage system!
- Create a weight-bearing and frostproof **gravel or crushed rock bed** with a 2 % incline and screed with fine gravel (level out any unevenness).
- Laying the construction beams pivoted to each other.
- Do not fill in any cavities between the construction beams, the concrete kerbstones and the base of the VARIO FIX!
- Prevent the megawood® floorboards and construction beams from coming into contact with the soil! (Exception: items from the construction timber range that are installed vertically and freestanding)
- The sub-construction with a connector enables you to construct the terrace with a size larger than 12 x 12 m without a structural expansion joint.

Floorboard assembly

- Colour, brushing and planing differences on the boards are intentional and underline the natural look of the wood. Mix the boards before laying in order to support the effect.
- Laying direction (refer to the arrow in the board groove or the label)!
- Rhombus profiles always have a matt surface and deviate from the floorboard colours.
- Do not exceed the max. 50 mm floorboard protrusion over the sub-construction!
- Assembly and production-related dimension tolerances regarding the length, width and thickness are to be taken into account and checked!
- The floorboard are to be cut to the required length at a right angle and all of the cut edges are to be chamfered for constructive timber protection.
- Products that include materials containing rubber (groove strip, P5 gap profile) are not to be subjected to high temperatures and are to be laid at the same temperature as the floorboards. Do not store in direct sunlight, recommended laying temperature: 5°-25°C. Do not pull and stretch.

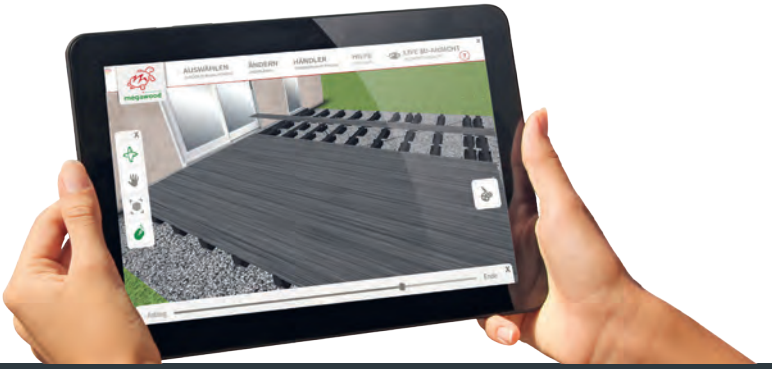
Shade should be provided for your terrace when it is exposed to intense sunlight during hot summer months. This particularly protects the sensitive feet of children against hot surfaces. In addition it prevents skin damage caused by excessive UV rays. A conscious effort in terms of protecting against the severe impacts of the Sun ensures a carefree barefoot experience.

Online Planner

This basic construction plan explains the standard structure versions for rectangular decks when laying in the longitudinal direction. Special styles, mitre cuts, braces and diagonal laying are illustrated individually in our “megaplaner“.
www.megawood.com/en/megaplaner

Download on the App Store

GET IT ON Google Play



YOUR DEALER

IMPRINT
Publisher: NOVO-TECH Trading GmbH & Co. KG, Siemensstraße 31, 06449 Aschersleben, Germany
Subject to change. Colours and graphics may differ due to printing processes.

Date: 1. edition 2023 EN | 1/2023

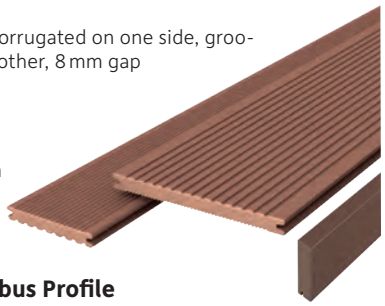
4 048533 045125

Deck covering

GCC HOLZart

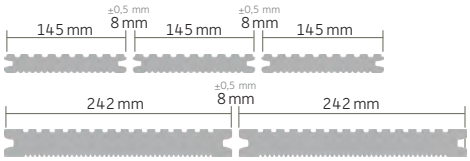
CLASSIC

Combination floorboard, finely corrugated on one side, grooved and brushed surface on the other, 8 mm gap



Floorboard
21 x 145 mm (Standard)
L: 300/360/420/480/540/600 cm
21 x 242 mm (Jumbo)
L: 420/480/600 cm

Colours	Rhombus Profile
NUT BROWN (B)	NUT BROWN (B)
NATURAL BROWN (A)	NATURAL BROWN (A)
BASALT GREY (C)	SEL GRIS (M)
LAVA BROWN (D)	VARIA CHOCOLATE BLACK (J)
SLATE GREY (E)	VARIA GREY (L)

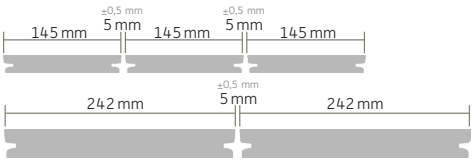


SIGNUM

Single-sided, textured, polished surface with colour gradient, 5 mm gap (only as an open deck)

Floorboard
21 x 145 mm (Standard)
L: 360/420/480/540/600 cm
21 x 242 mm (Jumbo)
L: 360/420/480/540/600 cm

Colours	Rhombus Profile
MUSKAT (F)	VARIA BROWN (K)
TONKA (G)	VARIA GREY (L)

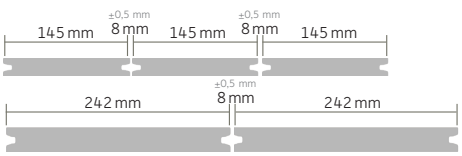


PREMIUM | PREMIUM PLUS

Oscillating planed surface,
brushed underside, 8 mm gap

Floorboard
21 x 145 mm (Standard)
L: 420/480/600 cm
21 x 242 mm (Jumbo)*
L: 420/480/600 cm
*with National technical approval

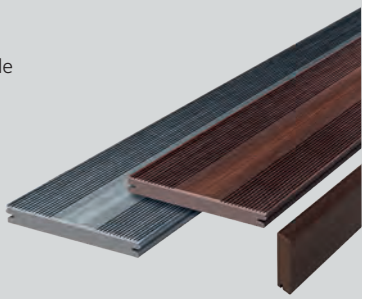
Colours	Rhombus Profile
NATURAL BROWN (A)	NATURAL BROWN (A)
NUT BROWN (B)*	NUT BROWN (B)
BASALT GREY (C) *	SEL GRIS (M)
LAVA BROWN (D) PLUS	VARIA CHOCOLATE BLACK (J)
SLATE GREY (E) PLUS	VARIA GREY (L)



GCC HARZart

CLASSIC VARIA

Partially-grooved surface on one side with colour gradient, 5 mm gap



Floorboard
21 x 195 mm
L: 420/480/600 cm

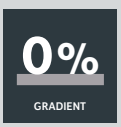
Colours	Rhombus Profile
VARIA CHOCOLATE BLACK (J)	VARIA CHOCOLATE BLACK (J)
VARIA BROWN (K)	VARIA BROWN (K)
VARIA GREY (L)	VARIA GREY (L)

DELTA

Single-sided, textured, matt surface, partially with colour gradient **, 5 mm gap (only as an open deck)

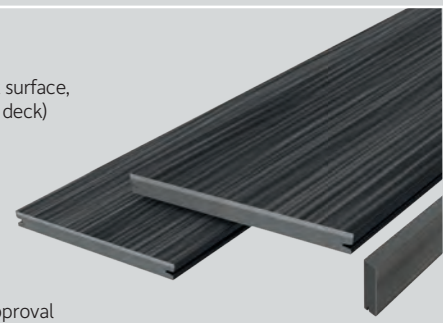
Floorboard
21 x 145 mm
L: 420/480/600 cm

Colours	Rhombus Profile
INGWER (N)	INGWER (N)
SEL GRIS (M)	SEL GRIS (M)
LORBEER (O)	LORBEER (O)
VARIA GREY (L)**	VARIA GREY (L)
VARIA CHOCOLATE BLACK (J)**	VARIA CHOCOLATE BLACK (J)



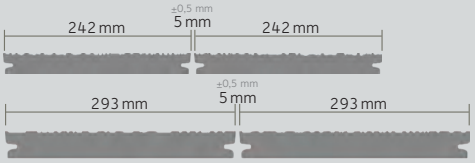
DYNUM

Single-sided, textured, matt surface,
5 mm gap (only as an open deck)

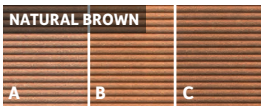


Floorboard
21 x 242 mm (Jumbo)
L: 420/480/600 cm
25 x 293 mm (Maxi)*
L: 420/480/600 cm
*with National technical approval

Colours	Rhombus Profile
NIGELLA (I)*	VARIA GREY (L)
CARDAMOM (H)*	VARIA CHOCOLATE BLACK (J)
INGWER (N)	INGWER (N)
SEL GRIS (M)	SEL GRIS (M)
LORBEER (O)	LORBEER (O)

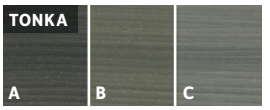


Colour maturation



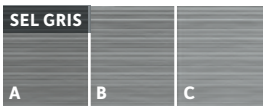
for CLASSIC and PREMIUM

for CLASSIC and PREMIUM PLUS



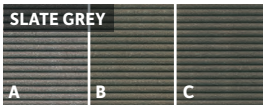
for SIGNUM

for CLASSIC VARIA and DELTA

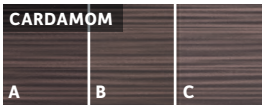


for DELTA and DYNUM

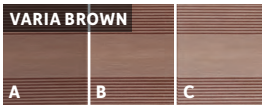
for CLASSIC and PREMIUM



for CLASSIC and PREMIUM PLUS

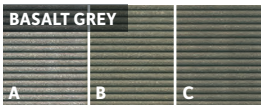


for DYNUM



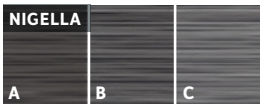
for CLASSIC VARIA

for DELTA and DYNUM

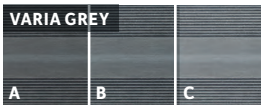


for CLASSIC and PREMIUM

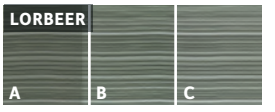
for SIGNUM



for DYNUM



for CLASSIC VARIA and DELTA



for DELTA and DYNUM

A AFTER LAYING **B** AFTER 1–2 MONTHS **C** AFTER 6–8 MONTHS

Care and cleaning

Care instructions

After the installation of a megawood® deck, an initial cleaning of the deck should be carried out to wash off production dusts. 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 which are then able to settle and a higher degree of soiling is then probable. We recommend cleaning the terrace thoroughly at least twice per year at temperatures of at least 15° C and to proceed as follows:

1. Brush dry, loose dirt from the terrace deck.
2. Sufficiently water the entire terrace deck and keep it moist for at least 15 min.
3. Clean the terrace deck with water and the megawood® scrubber.
4. Thoroughly rinse off the terrace deck with clear tap water. Pull off with a rubber lip and leave to dry.

Water stains can occur in the transition area between roofs and open spaces as a result of precipitation and environmentally related dust particles. These can normally be removed using water and a scrubber and do not serve as a ground for complaint. The water stains effect improves in the course of time, but it cannot be entirely avoided.

Our megawood® scouring powder removes dirt, which cannot be removed with water and brushes alone. It is also suitable for the surface cleaning of megawood® terraces.

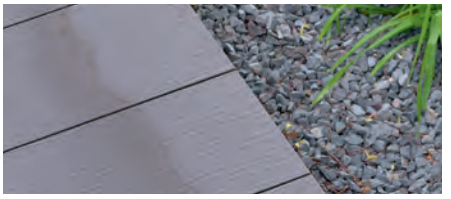
A large number of stain types are removed automatically in time due to the effects of the sun and rain. Stubborn stains can be treated with our specially environmentally friendly scouring powder. It does not contain any tensides or other chemicals and it also does not pose a risk to the groundwater. 2 kg suffice for an area of approx. 20 sq. m.

- Evenly distribute the powder over the pre-cleaned and pre-watered deck.
- Then rinse thoroughly with water and peel off with a rubber lip.
- Work in using the megawood® scrubber and scrub off.
- Use the megawood® terrace scrubber and clear water; repeat if necessary.

Do not apply to sensitive surfaces or mask them in advance, do not use on GCC HARZart terrace decks. Important note for boards of GCC HARZart! Clean boards of GCC HARZart with a droved or matt surface only with water and a scrubbing brush. Never use any scouring powder or GCC/ corundum scrubbing brush!

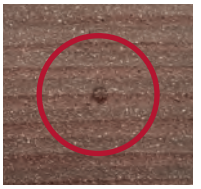
INCLUSION OF FIBRES

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^2. 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 EPLF (European Producers of Laminate Flooring), the particles that are visible from standing eye-level under vertical incidence of light are used for assessment purposes.


Water stains


After cleaning with water

megawood® SCRUBBER


Natural fibre inclusion prior to treatment


Natural fibre inclusion following mechanical treatment

Learn more on the care for and cleaning of our products.
www.megawood.com/en/cleaning

ASSEMBLY OF A CONCRETE KERBSTONE

With 40x60mm and 80x60mm construction beams

Observe the planning principles during the mounting work! You can find your customised construction drawing in the online terrace planner.

SUB-CONSTRUCTION

1
- Lay concrete kerbstones (1000x250x50mm) on a gradient bed of gravel, **observe the maximum permissible centre distance!**

2
- Position rows of two parallel construction beams (CB) at the beginning and end of the terrace as a double sub-construction. Lay the CB with the profiled side facing downward. **Adhere to the centre distance of 180mm!**
- Distribute individual CB series parallel and evenly between the double rows. **Adhere to the maximum permissible centre distances!**
- Place the 10mm rubber pads underneath the CB and balance out any differences in gradients with additional rubber pads.

3
- If the terrace is wider than the length of the used CB: always turn the joints of the CB so that they are facing each other. Connect the butts (10mm) with a connector. Only screw a connector to a CB from one side.
- **Exactly position the construction beams that are aligned towards each other!**

4
- Screw the CB on the entire edge of the terrace and the CB that the retaining band is fixed to, to the concrete kerbstone. **Observe the different screw lengths (see detail2)!**
  » Tip: in the case of a herringbone pattern, the CBs that are underneath the start and end of the floorboards are also to be screwed.

5

5a **PREPARATORY ASSEMBLY FOR THE CLOSING STRIP OF RHOMBUS PROFILES ON THE LONG SIDE**
- Should it be necessary for the rhombus profiles to join up at the long side of the boards, they are to be at a distance of 8 mm. Position an additional CB piece (length: 320mm) parallel for this.
  Caution: it is imperative that the KB piece is mounted on the floorboards above it using locking clamps.
  » Tip: When laying the floorboards in a herringbone pattern, the double sub-construction that is necessary under the floorboard butts is used to mount the joint of the rhombus profile.

5b **PREPARATORY MOUNTING OF THE RHOMBUS PROFILES ON THE CB JOINT**
- Transfer all the butts of the sub-construction in the edges into the gap pattern of the rhombus profiles. Provide the vertical joints of the rhombus profiles with a distance of 8mm
- **KB 40x60mm:** Leave out the connector 20 mm wide and 10 mm deep in the area of the screw connection at the edge. Rhombus profiles are screwed into the 40x60mm CB.
- **KB 80x60mm:** Produce additional sub-construction elements for the fixing of the rhombus profiles in place (see step 15). Fix these elements to each of the connector at the edge so that they are flush (see step 15), now mount the connector.

6
- Saw the CB along the first row of floorboards 10mm from the edge, 5mm deep and 15mm horizontally. Insert the locking clamp in the groove and lock it in place with the CB.

7
- Place retaining band on a CB in the centre under each of the floorboards.
  » Tip: when laying in a herringbone pattern with Distanz Fix, adhere retaining band to each of the CBs (see laying in a herringbone pattern).

8
- Insert the first floorboard in the house connection profile (optional). **Never press compression tape together!**
- Press the floorboard into the positioned locking edge clamp.

9

9a **OPEN GAPS**
- Place the locking clamp on the CB, lock in place using a zammer or pliers and insert it into the floorboard groove.
  » Tip: It is much easier if you insert the locking clamp in the zammer first.

9b **CLOSED GAPS**
- **Only with a min. elevated construction height of 161mm and compulsory with a minimum longitudinal board gradient of 2%!**
- Place the locking clamp on the CB, lock in place using a zammer or pliers.
- Place the grooved strip on the locked locking clamp and insert both of them into the floorboard groove.
  » Tip: the P5 gap profile for 5mm longitudinal gaps can only rolled in with the zammer and rolli attachment when laying the CLASSIC (Varia) floorboard after the floorboard had been laid.

LAYING THE FLOORBOARDS

10
- Check that the first mounted floorboard is correctly seated and the right angle.
- Lay the next row of floorboards, using a distance keeper (for a 5/8mm gap) if necessary.

11
- Use a groove bridge if necessary, in order to make it possible for you to secure locking clamps in the area of the CB joints.

12
- After laying max. 1 m of floorboard rows, check that the floorboards have been laid parallel to each other. Only apply slight pressure to the locking clamps when screwing them to the construction beams so that locking clamps do not remain horizontal and become twisted.
- **Repeat steps 9 - 12 up to the last row of floorboards but one!**

13
- Cut the CB to length so that it protrudes over the last row of floorboards by 10mm and saw into it (see Detail 6). Position the last row of floorboards, insert the edge of the locking clamp and lock it in place with the KB. .

14
- Cut the edge of the floorboards at the face end to size, leaving a protrusion at least 15mm, or min. 34mm when using rhombus profiles but chamfer a cut edges when using rhombus profiles with a 80x60mm CB, min. 29mm, max. 50mm however. Chamfer the cut edges.

MOUNTING THE RHOMBUS PROFILES

15

Only for the 80x60mm CB:
- Prior to the mounting of the rhombus profiles, prepare additional sub-construction elements and mount them in the entire edge area.
- Before mounting the rhombus profiles, prepare additional sub-construction elements and apply them in complete edge areas.
- Screw adequately long CB onto the bottom web.
- Mount the CB pieces on the face side of the edge of the terrace so that they are staggered outwards. Feed sufficiently long pieces of rhombus profiles on positioned locking clamps and screw them to the CB piece so that they are flush. Screw longer pieces on twice (see Detail 18). Evenly distribute additional sub-construction elements along the outer CB construction. **Observe the maximum permissible centre distances!**

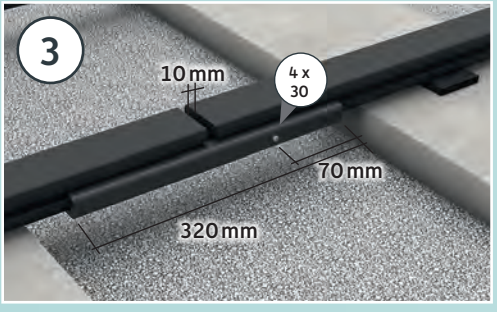
16
- Insert M8x80mm screws with a washer and nut on the end face of the decking boards so that the rhombus profile can be fixed in place and aligned. Place the rhombus profile alongside the floorboards so that it is flush with the CB (for CB 80x60mm also flush on KB pieces, see detail 18) and position CB pieces before directly connecting them with a M8x40mm screw. **Observe distances, the gap pattern (circumferential 10mm to the floorboards) and the different screw lengths!!**
- Provide the rhombus profiles with vertical gaps with a distance of 8mm (see Detail 4a)

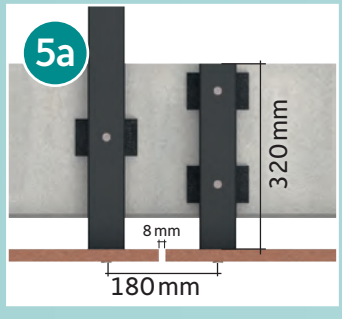
17
- Create the corner joints of the rhombus profiles as a butt joint or with a mitre cut (please also refer to the corner solutions design variant). Align slants in the rhombus profiles and chamfer the edges.

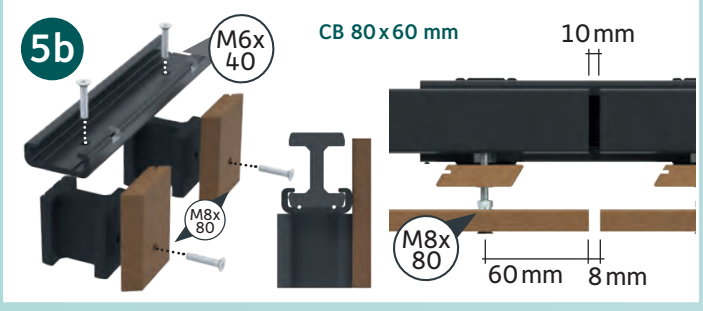
18
- If there are numerous rhombus profiles beneath each other, create a horizontal gap with 15mm.
  » Tip: Horizontal gaps of min. 5mm are possible as long as adequate ventilation is provided by the building from beneath.
- Leave min. 15mm between the bottom rhombus profiles and the substrate, saw the rhombus profile to side if necessary (saw max. 1/3 off).

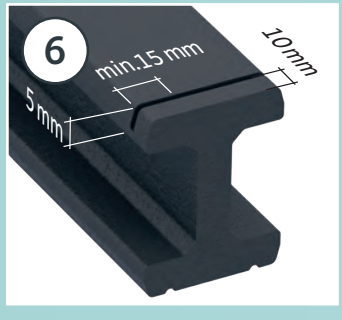
ASSEMBLY OF A CONCRETE KERBSTONE

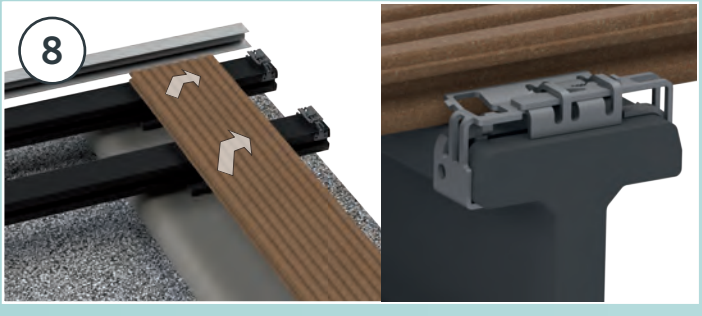
With 40x60mm and 80x60mm construction beams

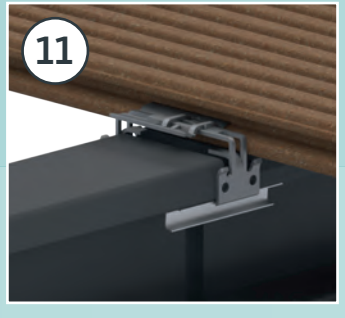


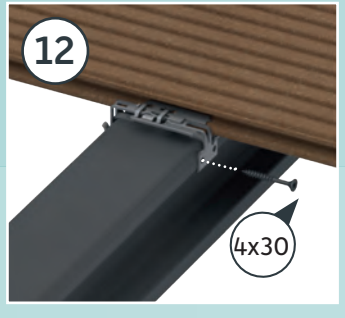


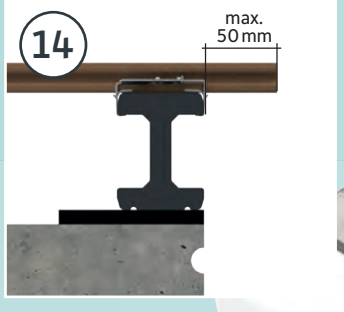


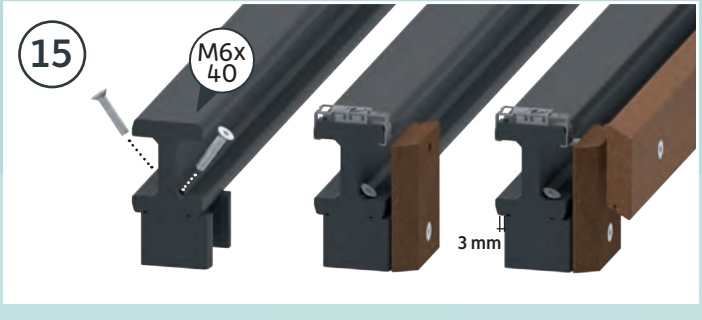


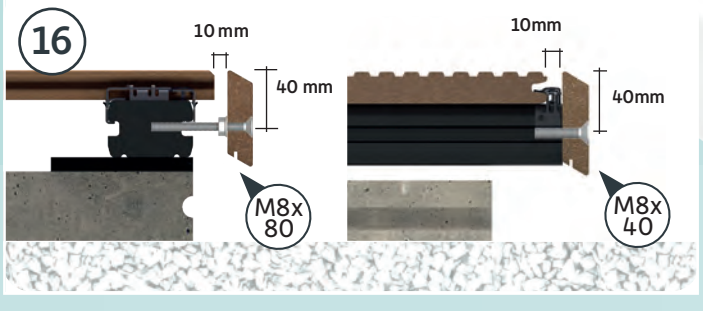


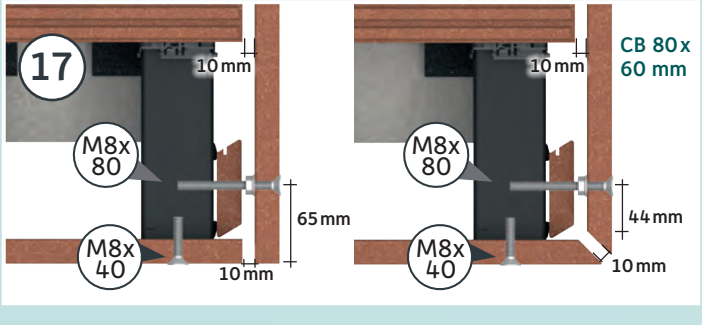


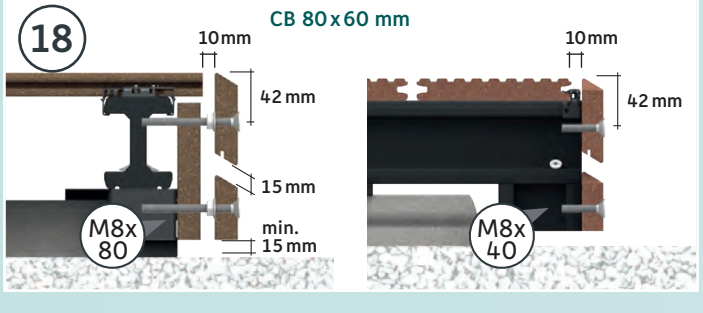








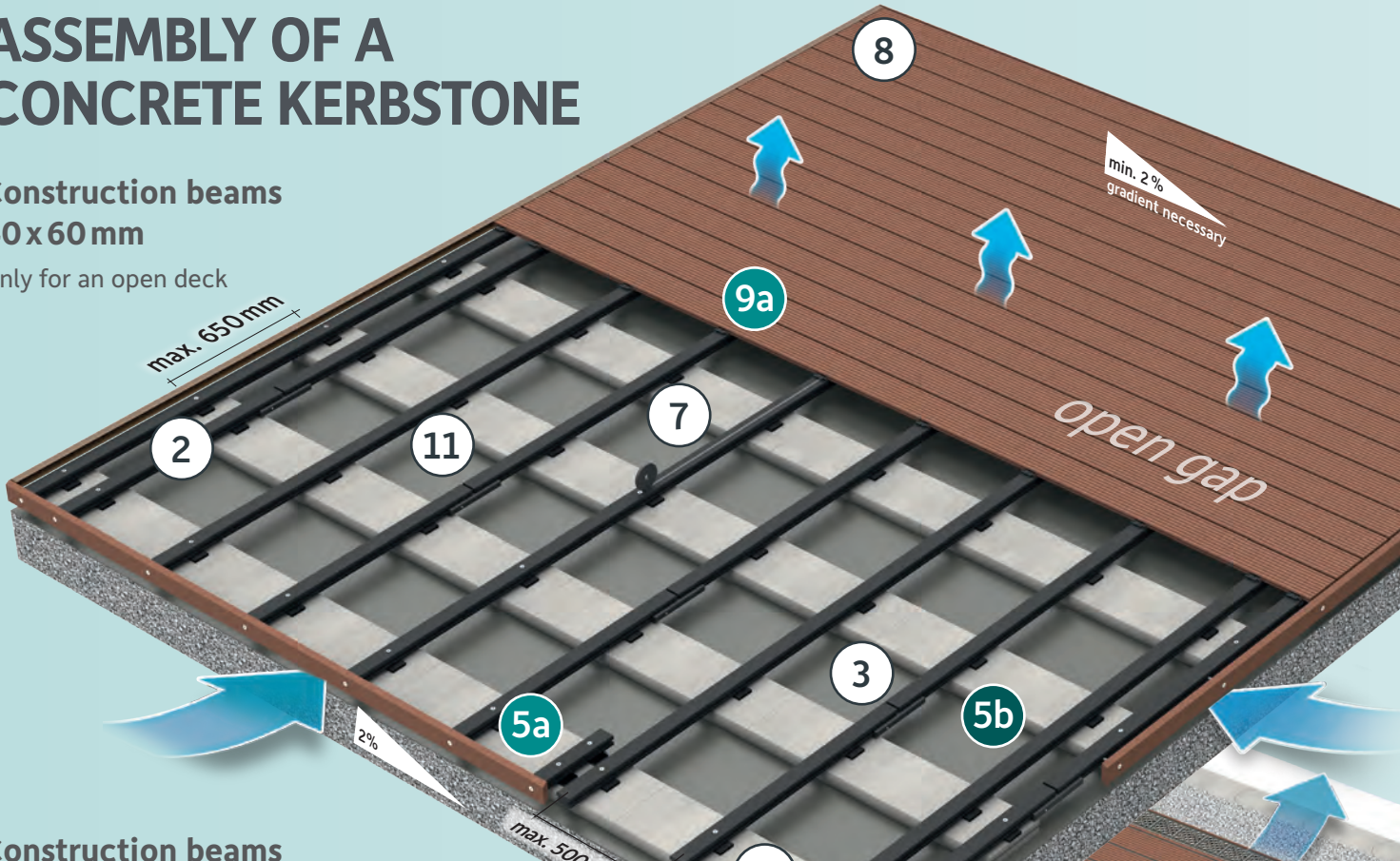




ASSEMBLY OF A CONCRETE KERBSTONE

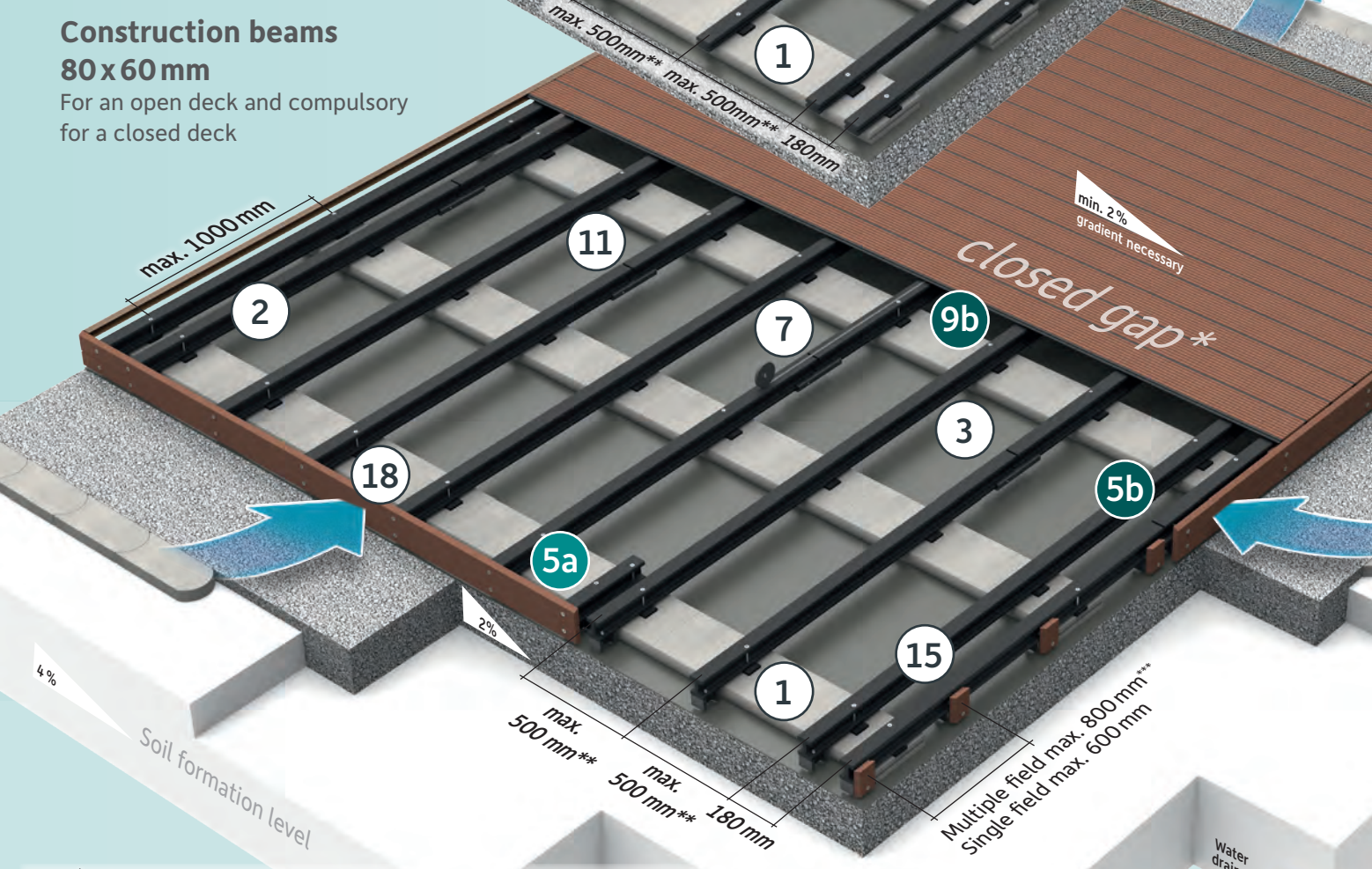
Construction beams 40 x 60 mm

Only for an open deck



Construction beams 80 x 60 mm

For an open deck and compulsory for a closed deck



* as from a construction height of 161 mm and with a compulsory minimum longitudinal deck board gradient of 2 %! (please refer to the construction variants)
** DYNUM 25 x 293 mm - max. 650 mm
*** Recommendation: Measure the distances from the face of the lower edge of the beam and use it alongside

Additional assembly instructions for detailed procedures and special features in the assembly, e.g. for locking clamp, clip as well as DISTANZ FIX, can be found under this QR code or under: **www.megawood.com/en/downloads**

Assembly instructions

Leave min. 10 mm between the bottom rhombus profiles and the substrate; saw the rhombus profile to size if necessary (saw max. 1/3 of h).

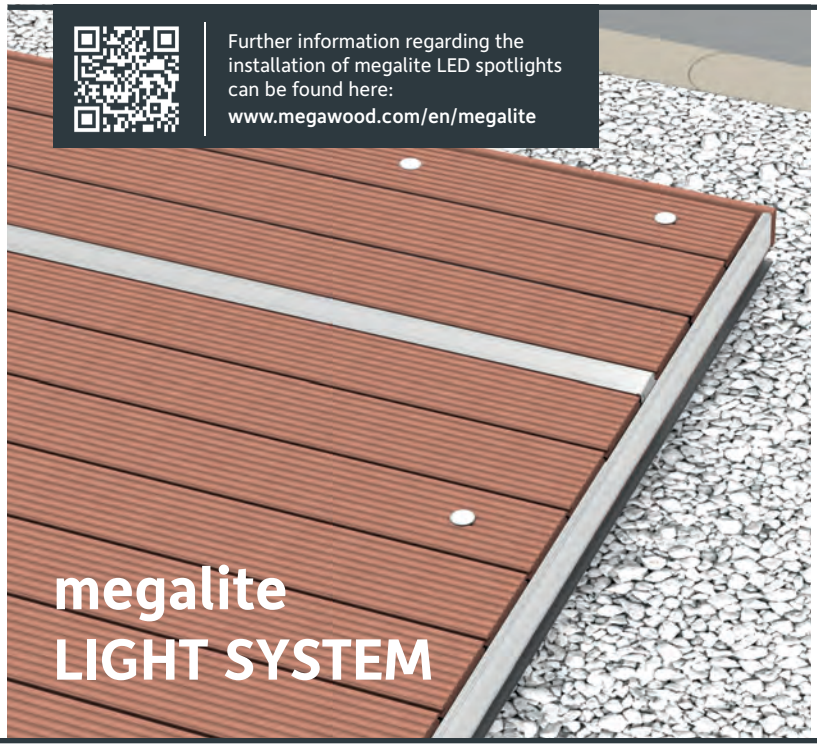
Construction variants

CORNER SOLUTION: MITRE CUT 17

With a rhombus profile as a closing strip

CORNER SOLUTION: BUTT JOINT 17

With a rhombus profile as a closing strip



Further information regarding the installation of megalite LED spotlights can be found here:
www.megawood.com/en/megalite

megalite LIGHT SYSTEM

LED-LINEAR-LIGHTS

H: 21 mm; B: 62 mm
L: 3.600 mm (27 W, 729 lm)
4.800 mm (36 W, 972 lm)
6.000 mm (45 W, 1215 lm)
27 lm/W; 24 V DC IP65
Aluminium/plastic

LED-SPOT MINI/MAXI

Ø 34 mm (0.25 W, 10 lm)
Ø 60 mm (0.5 W, 28 lm)
24 V DC IP67
Stainless steel

- Install lamps at a max. distance of 50 mm from a construction beam. Lay an additional construction beam if necessary.
- Mount horizontal linear lights in the same way as floorboards and vertical linear lights in the same way as the closing strip.
- The linear lights can be individually shortened and thus adapt to the size of your terrace. All parts can be replaced individually.

Accessories: radio control set, repeater, distributor & extensions

WITHIN THESE CATEGORIES, OUR GCC WOOD-BASED PANEL HAS BEEN CERTIFIED ACCORDING TO CRADLE TO CRADLE CERTIFIED®*:

GCC HOLZart	BRONZE	SILVER	GOLD	PLATINUM
Tested material health				✓
Recyclability			✓	
Renewable ernergies and CO_2 management			✓	
Water management			✓	
Social justice			✓	

cradle to cradle CERTIFIED® GOLD

megawood® products meet criteria for sustainable construction and green building:

LEED

DGNB System

BREEAM®

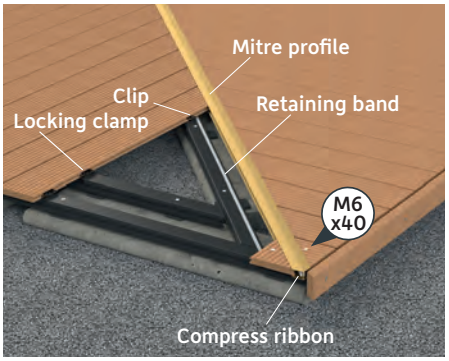
* GCC HARZart is currently in the certification process.
More information on the certification at www.megawood.com/en/c2c
Cradle to Cradle Certified® is a registered trademark of the Cradle to Cradle Products Innovation Institute.

Tip: if you wish to create a floating instruction on roof terraces, our **VARIO FIX** sub-construction with a max. 10 % gradient compensation and an infinitely variable height adjustment.

www.megawood.com/en/variofix

Special features in the construction

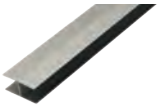
LAYING ON MITRES FOR L, U, O-SHAPED TERRACES



- Double sub-construction along the 45°section.
- Insert compress ribbon into the mitre joint on both sides.
- Only push the floorboard into the mitre profile by 10 mm in order to ensure the expansion.
- When attaching short floorboard sections (that can be fastened to the lower edge with less than 3 locking clamps or clips) on the diagonal or mitre cut, the sections are screwed to the construction beam from above. (M6 x 40 mm screw)

ADDITIONAL ITEMS

MITRE PROFILE
21 mm | L: 4 m
silver, bronze, anthracite

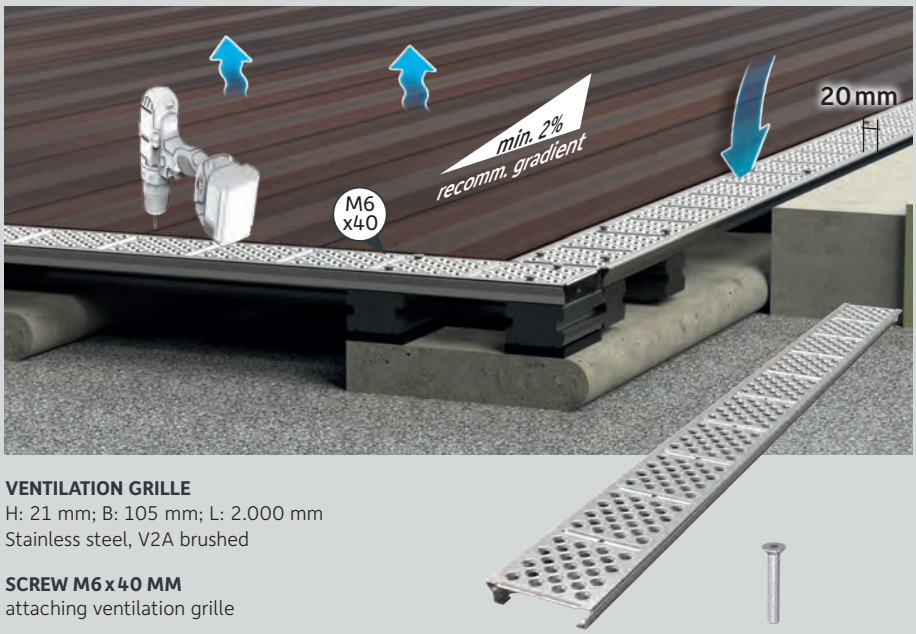


COMPRESS RIBBON
expands up to 20 mm
L: 13 m (on a roll)

CLIP & EDGE CLIP
incl. screws
(4 x 35 mm), Bit tx 20

SCREW M6 x 40
attaching short
floorboard sections

CONSTRUCTION AT FLOOR LEVEL WITH VENTILATION GRILLE



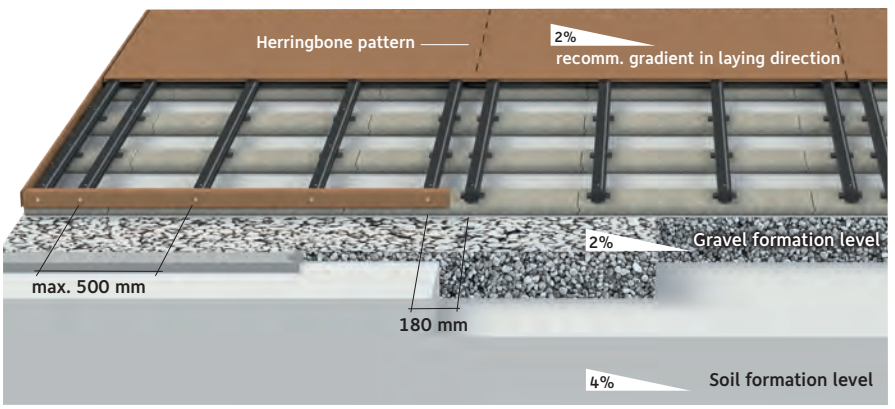
VENTILATION GRILLE
H: 21 mm; B: 105 mm; L: 2.000 mm
Stainless steel, V2A brushed

SCREW M6 x 40 MM
attaching ventilation grille

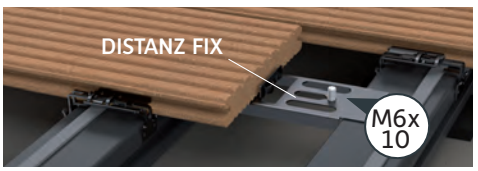
- The terrace deck is constructed at ground level and creates a level circumferential terrain edge.
- A distance of at least 20 mm between the boards and raised, fixed components must always be maintained.
- The ground level deck can be created with a closed joint as long as the compulsory construction height is min. 161 mm, a compulsory min. 2 % gradient is adhered to and circumferential ventilation grilles or other constructional measures are ensured in order to provide an adequate under ventilation or back ventilation.
- Only implement a level floorboard structure with a 5 mm gap in conjunction with a ventilation.
- Use of the ventilation grid (also with „placed-on“ deck or in the event of a closed gap) in order to improve the air circulation beneath the terrace and to increase the service life of the entire deck.

Construction information and information regarding the ventilation grille is available at **www.megawood.com/en/ventilation**

LAYING AS A DECK WITH HERRINGBONE PATTERN



- A double sub-construction is to be provided at all butt joints.
- The DISTANZ FIX is positioned between the double construction beam and is screwed to outside boards in order to create the clearance of the butt joints.
- When using the Distanz Fix, each of the construction beams are to be provided with a retaining band next to the Distanz Fix, it is not to be placed on the band.



CROSS BRACING STRUCTURE

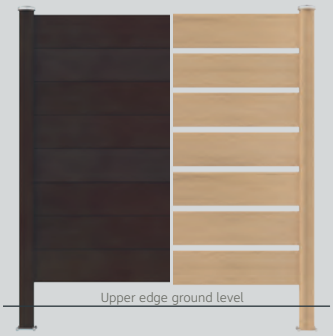
- Prerequisite for the cross bracing is a load-bearing substrate (concrete, concrete kerbstone). The structure is built on 20 mm high rubber pads, which are installed at the crossing points of the construction beams to ensure the minimum distance.
- The cross bracing must be securely connected to the substrate.
- The general planning principles of megawood® construction plan terrace system apply.

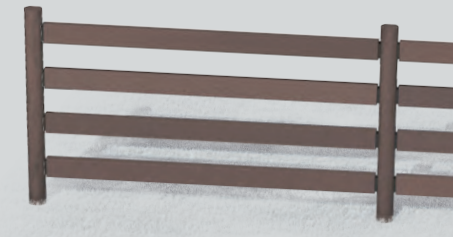
Supplementary products

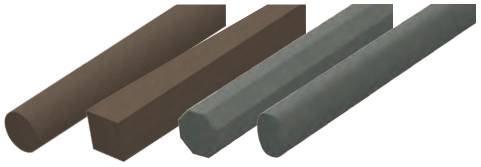
Find the entire item summary for the Limes fencing system:
www.megawood.com/en/limes

LIMES FENCING SYSTEM

VALERIA FENCE PANEL

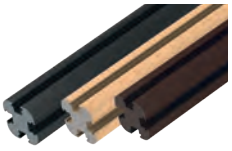






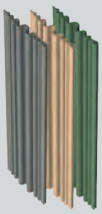
POSTS
ROUND | SQUARE | OCTAGONAL | OVAL
Ø 90 mm | 90 x 90 mm | 90 x 90 mm | 90 x 60 mm
L: 220/270 cm, Colours: D, E

TRANSOM
40 x 112 mm
L: 178.6 cm
Colours: D, E



POSTS FOR VALERIA
100 x 100 mm
L: 220 cm/270 cm
Colours: J, L, N

POST CAP
FOR VALERIA
round
Stainless steel

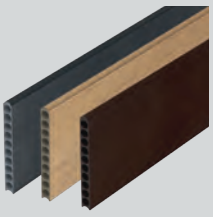


PANEL AUGUSTA
(wavy)
270 x 35 mm
L: 160.2/210 cm
Colours: M, N, O

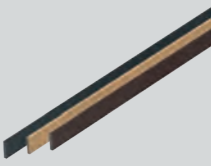
PANEL COLONIA
(smooth)
239 x 6 mm
L: 158.4/210 cm
Colours: M, N, O

CONNECTING SPACER
FOR COLONIA
38 x 30 mm
L: 156.6/178.6/190 cm
Colours: D, E

FENCE SET STAINLESS
STEEL BAR
Panel Augusta
(wavy)
up to 10% incline without diagonal cut to the panel



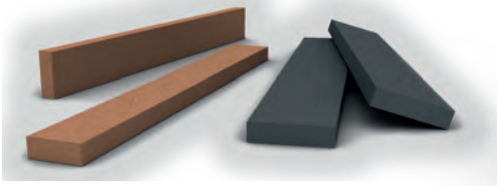
PANEL VALERIA
HORIZONTAL
235 x 25 mm
L: 193 cm
Colours: J, L, N



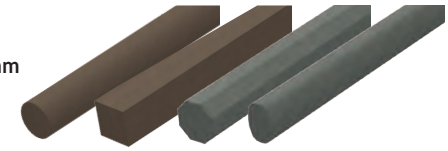
INSERTION STRIP
FOR VALERIA
34 x 6 mm
L: 220 cm
Colours: J, L, N

CONSTRUCTION WOOD

CONSTRUCTION PLANK
40 x 112 mm | L: 360 cm
40 x 145 mm | L: 420 cm
Colours: A bis G, M, N, O

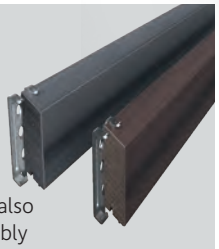


CONSTRUCTION WOOD
ROUND | SQUARE | OCTAGONAL | OVAL
Ø 90 mm | 90 x 90 mm | 90 x 90 mm | 90 x 60 mm
L: 360 cm, Colours: D, E



RHOMBUS PROFILE
20.5 x 81 mm | L: 420 cm
Colours: A, B, J bis O

Attractive wood cladding can be obtained using the new rhombus profile. It is also possible to screw it on visibly or you can also use a clip so that it is concealed.



Application examples and the assembly instruction for the Rhombus profile can be found:
www.megawood.com/en/rhombus

OUR WORLD OF COLOURS

A	NATURAL BROWN	D	LAVA BROWN	G	TONKA	J	VARIA CHOCOLATE BLACK	M	SEL GRIS
B	NUT BROWN	E	SLATE GREY	H	CARDAMOM	K	VARIA BROWN	N	INGWER
C	BASALT GREY	F	MUSKAT	I	NIGELLA	L	VARIA GREY	O	LORBEER