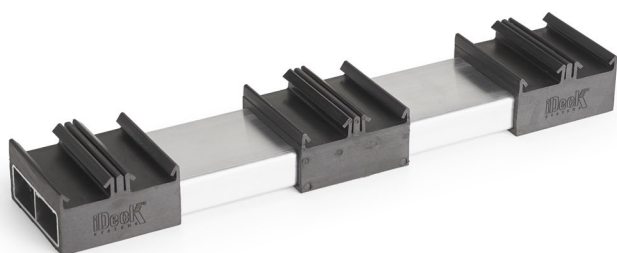
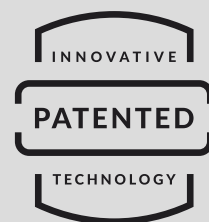


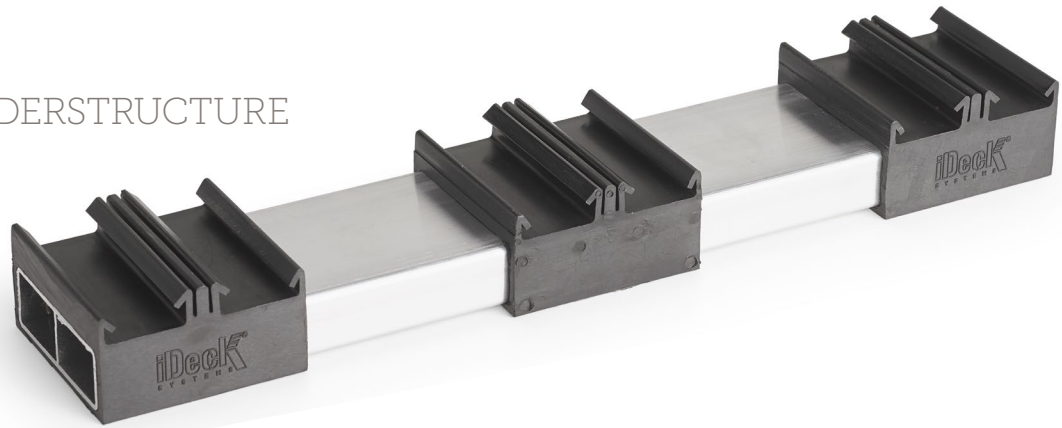


EasyClick system

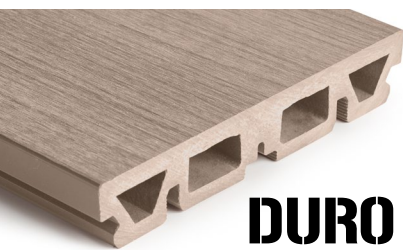


components

EASYCLICK SYSTEM UNDERSTRUCTURE



IDECKING REVOLUTION BOARDS - DETAILS



DURO

Duro boards are made from circa 50% RICE HUSK and 50% virgin PVC and Minerals in order to deliver a product with as natural a look and feel as possible. As it happens for wood, Duro composite material can encounter a slight chromatic change due to UV rays. After only a few months the boards will stop further chromatic change and become colour fast. For covered or partially shaded areas this process will take longer. Using our specific products (Duro Shield and Duro Drop) it is possible to protect Duro's look from stains and slow down the rate of fade. Furniture like flower boxes can also cause colour change to the deck area so it is advised to change the position of this furniture during the first 3-6 months in order to maximum colour compensation.



ETHERNO

Minimal changes in colour and tone underline the natural aspect of EthernO Bamboo, just like in any other noble wood (ie. IPE / TEAK). Colour variations, like profile and surface alterations, are normal in the natural behaviour of any wood and don't represent vices or defects in the product so are not cause of a claim. In order to get uniformity over the deck area, it is advised to mix up the boards before installation.

just 1 click and the board is installed !



technical data on the system

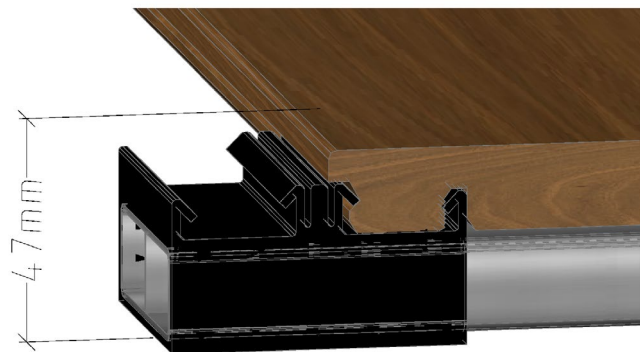
**EasyClick board standard width
140mm + 4 mm gap**



**Total Height of DURO Boards +
EasyClick Understructure: 53 mm**



**Total Height of ETHERNO boards +
EasyClick Understructure: 47 mm**



info to plan the perfect installation

According to the principles of constructive wood preservation, boards must always be installed with sufficient gradient. (1-2%). Gradient must always be in a longitudinal direction with respect to the boards (direction of the hollow chamber and fluting). The gradient direction must always be away from the building. To ensure compliance, avoid water spots, ponding, dirt deposits and other damage to the building.

- The subsurface must be sustainable and frost-protected. Avoid waterlogging (concrete, plaster, old decking, gravel, metal structures, etc.)!

- For applications requiring approval by the building authorities (e.g. balconies), you need a statically weight-bearing subsurface as support for the floor boards.

- Permanent ground contact of DURO boards must be avoided!

- In proximity of fix elements such as houses, walls, etc., always leave at least 2 cm distance to avoid contact due to expansion and contraction movements.

- Drainage of adequate size is required for the subsurface. Avoid waterlogging and also ensure complete drainage during heavy rainfall

- Maximum distances for substructures must be adhered to! Substructures must always be fixed to the subsurface!

- Observe the minimum distances of the expansion joints to enable the unconstrained expansion of the structure where applicable. Boards are 100% dry after production. Weathering causes them to absorb water and swell. Joints therefore become smaller after a few weeks/months. Thermal expansion must also be taken into account.

- To guarantee a correct installation and to preserve DURO's surface look, the boards must be stacked out of direct sun contact and in a dry place. DURO must be conditioned in the installation place, by bringing it there at least a day before the installation so give the boards the chance to set to the climate. Installation should not be performed under 10°C. Don't slide boards one on top of the other in order to avoid scratches.

- Pre-drill screw connections if any and use a low torque setting.

- In case of any screw fixation, use only stainless steel material

- DURO products become warmer under the effect of heat, just like any other building material. This heat effect has more of an impact on dark colours than light colours. Take this into account when walking barefoot.

- **Safety: When working on a construction project, you should always wear protective clothing and use safety equipment. When cutting, wear safety goggles, work gloves and tops with long sleeves, especially when working in tight spaces. WPC/BPC/DURO boards are heavier and more elastic than wood. Do NOT try to carry as many boards as you would normal wooden planks.**

- **TOOLS:** There are no special tools required. To achieve the best results, use saw blades and cutting tools coated with hard metal. If you use a mitre saw, we recommend a saw blade size of 254 - 305 mm with 40 teeth or fewer.

Refer to the iDecking assembly instructions for all matters concerning modifications during installation as warranty cannot be provided if deviations and resulting deficiencies occur. Warranty is also excluded if you use system boards for any purpose other than for decking boards. You must use the iDecking substructures and assembly parts provided!

Installation: EasyClick system

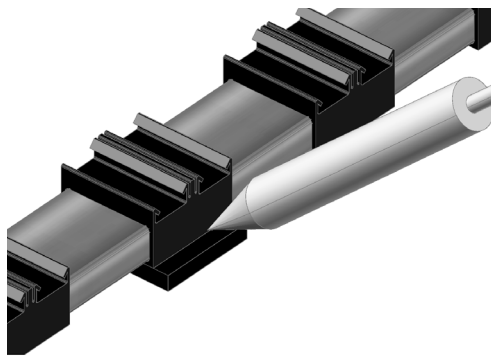
Before Starting

Define the final height of the deck from the leveled ground:

- final height till 6/7cm: proceed according to CASE A
- final height over 6/7 cm: proceed according to CASE B

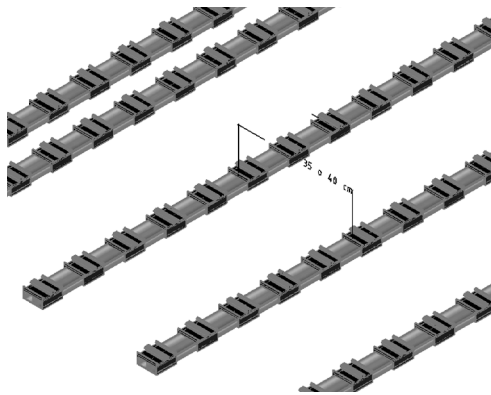
CASE A : [EasyClick System installation on small risers](#)

to be adopted in case of final height till 6/7cm



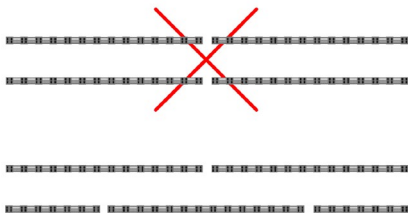
Leveling with rubber pads

- Distance the understructure from the ground with the rubber risers by fixing them with glue to the understructures (not to the ground).



Placing the EasyClick Understructure

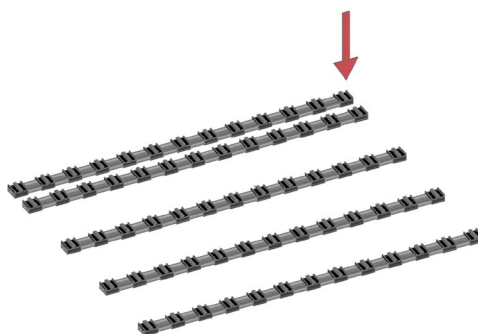
- Align the aluminum understructure following the suggested interval (see the data below) without fixing them to the ground.
- The interval between the understructures depends on the kind of board chosen for the deck:
 - **Duro:** interval 35cm (public) 40cm (private)
 - **Etherno Bamboo:** interval 46cm



NO

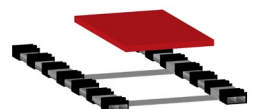
- Make sure to place the rails without leaving loose connection areas that might become a weak point.

YES



Doubling the understructure / counterweight plates

- Where it is not possible to fix the understructure on the ground we suggest to double the understructure on the left and right side of the deck or use the counterweight plates.



Installation: EasyClick system

Laying the first board

- Lay the board over the aligned understructures.
- Click it by pressing with your foot twice, first in front (1) and then back (2) in correspondance of each clip below.
- Repeat the operation over each intersection between board and understructure

Installing the following boards

- Don't wait for the glue to completely dry: this allows a certain elasticity needed to square the whole structure.
- Click the other boards distanced from one another in order to square the whole deck structure. This allows a perfect alignment of the understructures that will be then ready to be fixed on the ground. **IMPORTANT: the position has to be calculated with care, paying attention on alternating the board edges meeting point.**
- When making large decks, we suggest to proceed by limited areas, paying attention on connecting all the areas together.

Regulations and rubber risers adjustments

- Once the understructures will be perfectly squared, verify the leveling of the floor.
- Insert more risers if/where necessary by gluing them to the understructure

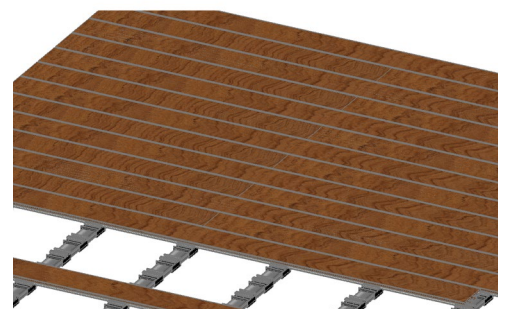
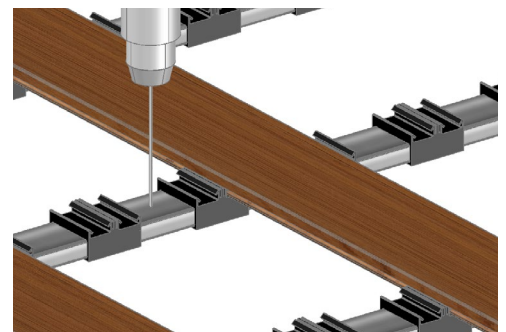
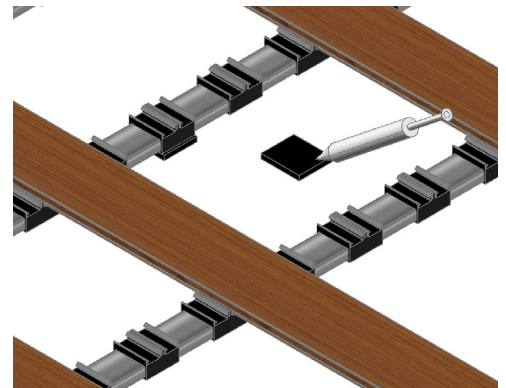
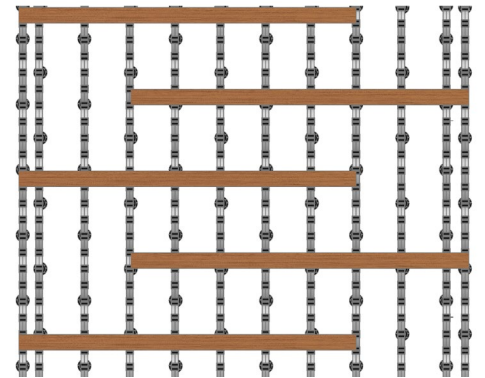
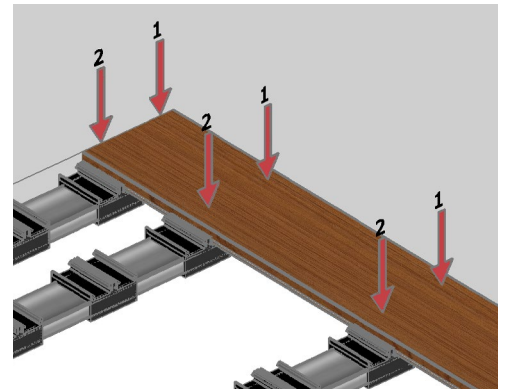
Fixing the understructure to the ground

- Drill and fix the aluminum understructure according to the ground.

N.B. in case of slate on the soil (balconies, roof etc.etc.) where it's not allowed to drill, just use glue or counterweight plates

Completing the deck

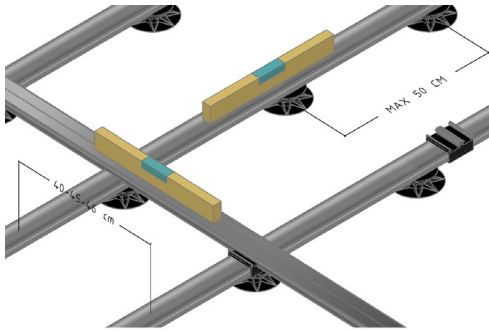
- Complete the Deck by clicking the rest of the boards



Installation: EasyClick system

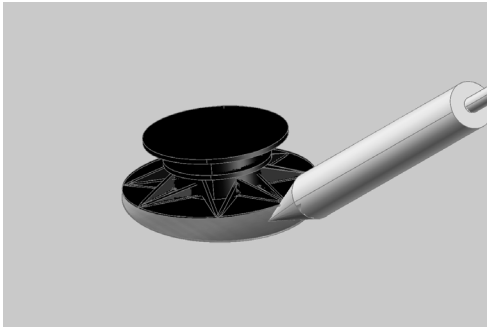
CASE B: EasyClick system installation on Jack Supports (adjustable risers)

to be adopted in case of final height over 6/7cm



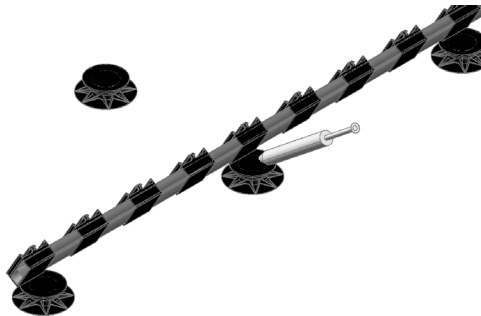
Placing the jack supports

- Position the Jack Supports following max of 50 cm interval from one another.
- Adjust them in order to be all at the same level.



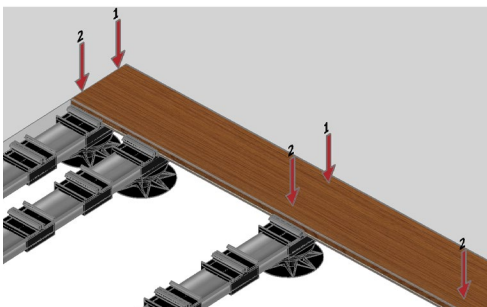
Fixing the supports to the ground

- Lift the support from a side and inject the necessary amount of glue to fix it on the ground
- Wait for the glue to stick to avoid support movements.
- When building large decks, we suggest to proceed by limited areas.



Fixing the understructures to the jack supports

- Place the understructure in the middle of the supports round head.
- Lift the understructure from a side and inject the necessary amount of glue to fix it on the jack support
- When building large decks, we suggest to proceed by limited areas.



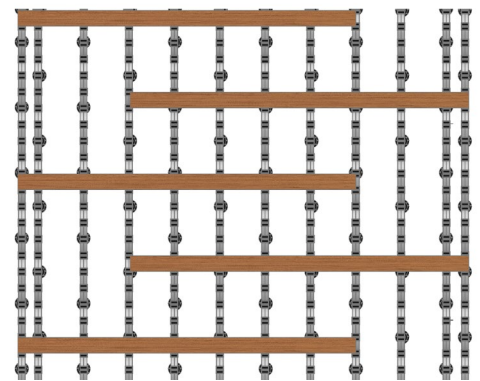
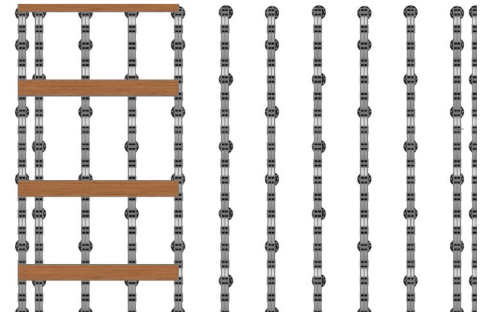
Laying the first board

- Lay the board over the aligned understructures.
- Click it by pressing with your foot in twice, first in front (1) and then back (2) in correspondance of each clip below.
- Repeat the operation over each intersection between board and understructure
- In case the height doesn't allow the use of your foot, use a rubber mallet to click the boards in.

Installation: EasyClick system

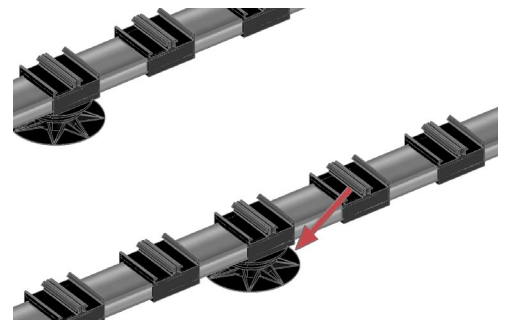
Installing the following boards

- Don't wait for the glue to completely dry: this allows a certain elasticity needed to square the whole structure.
- Click the other boards distanced from one another in order to square the whole deck structure. This allows a perfect alignment of the understructures that will be then ready to be fixed on the ground. **IMPORTANT: the position has to be calculated with care, paying attention on alternating the board edges meeting point.**
- When making large decks, we suggest to proceed by limited areas, paying attention on connecting all the areas together.



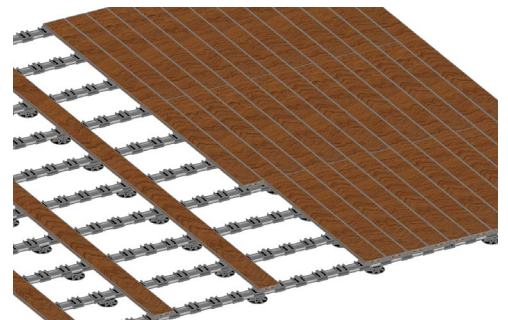
Jack supports adjustment

- If necessary, adjust and regulate the height of the support heads by rotating it.



Completing the deck

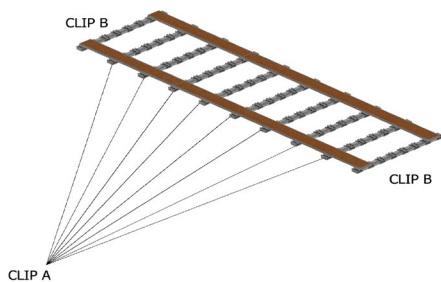
- Complete the Deck by clicking the rest of the boards



Modules: EasyClick system

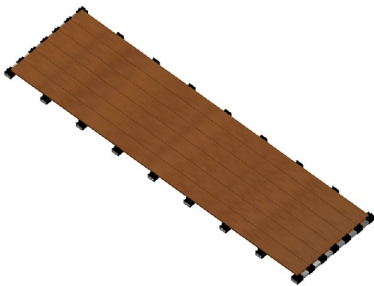
EasyClick MODULES deck building

The Clip B lets you pre-build the modules of your future deck. This solution is even quicker in installation time and it is highly suggested in case of big areas to cover or temporary decks that will have to be removed and re-installed.



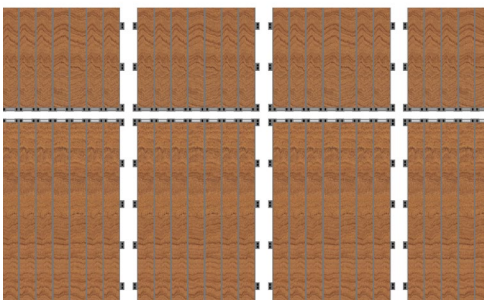
Create the module understructure

- Place the aluminum rails at the right interval:
Internals clip A rails,
Externals clip B rails



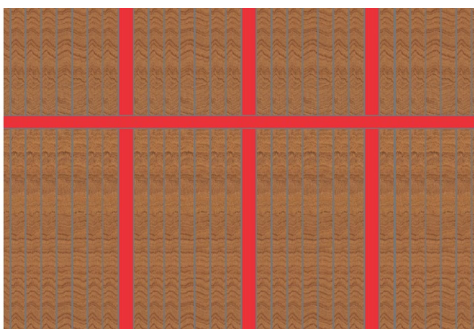
Complete the module

- Complete the Module assembling by clicking the rest of the boards.
- SUGGESTION: create the module with a maximum of 7 boards and with understructures cut half in order to handle them easier.**



Creating the deck

- After preparing the Modules and having verified the ground level, place the modules over the desired area. Distance them in order to let the connecting board be clicked correctly.



Completing the deck

- The Clips B present on the short external sides of the single modules will let you connect the modules even in longitudinal sense.
- Insert the connecting boards (highlighted in red) both in latitudinal and longitudinal sense.

frames and finishings **EasyClick system**

Installation of EasyClick STEP PROFILE

EasyClick system allows a clickable framing/nosing profile called Step Profile, to be easily and quickly installed.



Installation parallel to boards direction

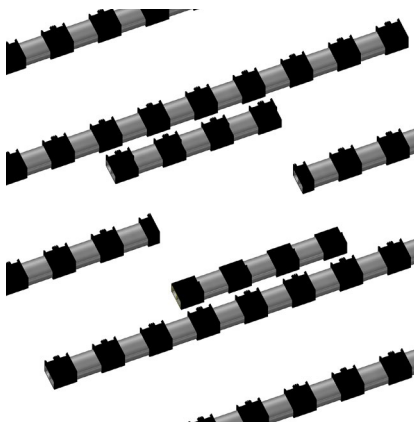
- Click the Step Profile in the remaining half clip at the end of each understructure



Installation perpendicular to boards direction

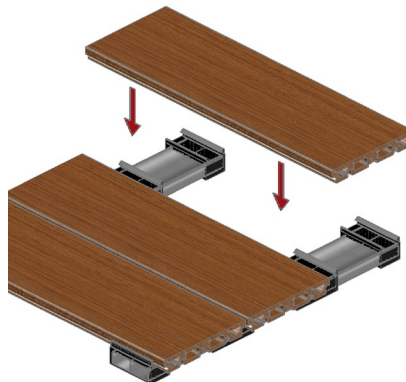
- Use the Clip B understructure in the end
- Click the Step Profile in the remaining half clip at the end of each understructure

Creating inspectable manholes



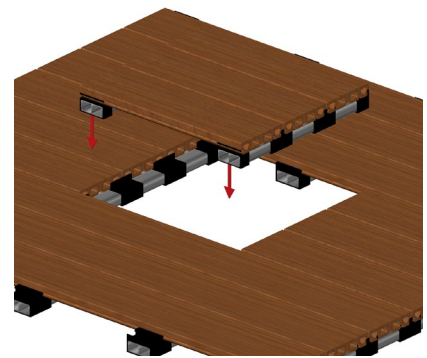
Placing the alu rails

- Interrupt the understructure in correspondence of the manhole.
- Insert two pieces of aluminum understructure as reinforcement of the manhole.
- Remove a part of the clips to create the manhole support.



Creating the manhole

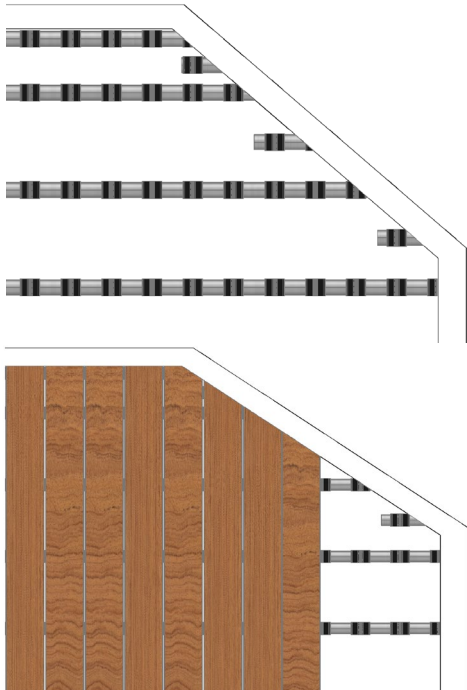
- Continue by clicking the pre-cut boards according with the desired mahole size.
- Cut the pieces of understructure and boards necessary to assemble the manhole according to the desired size.



Completing the job

- Place the manhole over the opening: the projections will have to lie on the support area created on the reinforcement understructure profiles.

frames and finishings **EasyClick system**



Diagonal cuts

- Cut the final part of the understructures following the desired angle.
- Add portions of understructure among the principal ones, otherwise the boards would not be supported in the final part

Complete the deck

- Cut the boards according to the desired size and complete the deck.
- SUGGESTION:** if a board ends up to be over an understructure portion where there is no clip, we suggest a glue point to fix it.



Rounded cuts

- Create the deck normally and let the boards protrude over the area that will have to be round cut.
- Perform the cut with the right tools
- Make sure the understructure has a support clickable point at the end of each board.

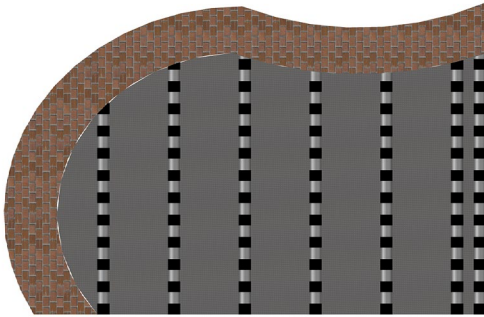
Framing profile DURO 10x95mm



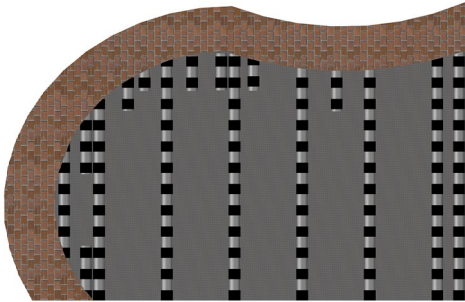
- Once cut, it is possible to install the special 10x95 mm. profile
- Heat the profile with a hot air gun according to the round shape to follow.
- Fix it with screws while bending it. Keep in mind that once the profile cools down, it will maintain the given bent shape.

frames and finishings **EasyClick system**

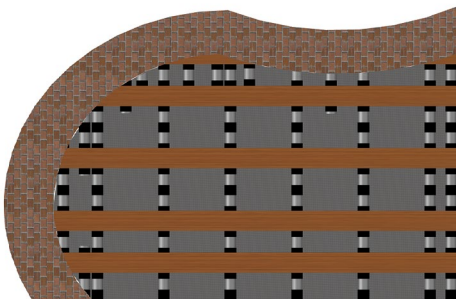
Rounded cuts - placing the understructure



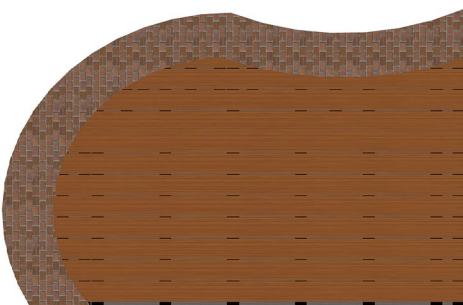
- Cut the final part of the understructures following the desired angle.



- Add portions of understructure among the principal ones, otherwise the boards would not be supported in the final part



- Cut the boards according to the desired size and complete the deck.



Complete the deck

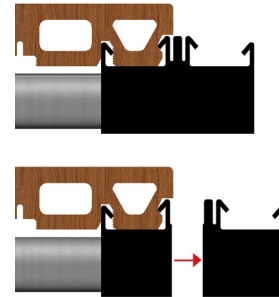
SUGGESTION: if a board ends up to be over an understructure portion where there is no clip, we suggest a glue point to fix it.

frames and finishings EasyClick system

How to pull the boards close to a wall

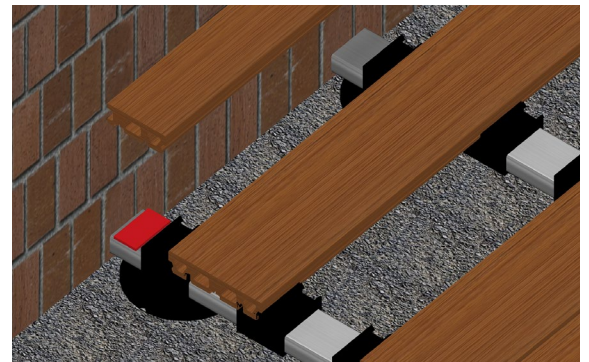
CASE 1: cutting the clip

- Cut the final part of the clip as shown in the picture.

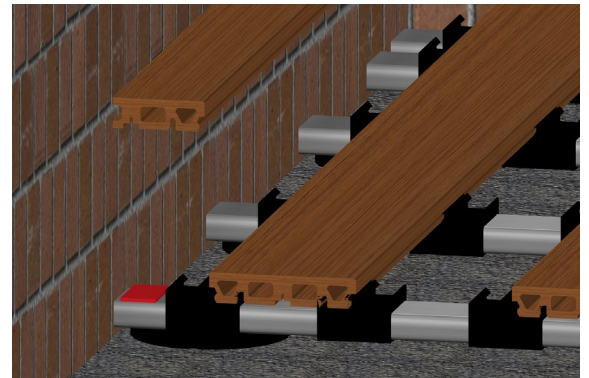


CASE 2: cutting the board

- Cut the board according to the needed size



- put a rubber riser as shown (in red) in the picture



- Click the board and screw the final part in order not to leave it loose.

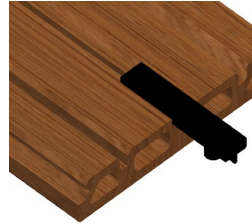


Optionals EasyClick

iJack: head gap distance keeper

iJack was developed to overcome one of the biggest problems in composite decking - expansion & contraction.

- Duro and Duro Excellence boards are already drilled for the iJack space



- Turn the Duro board and click the iJack into the pre-drilled hole, pay attention to leave the flat sides of the iJack out.

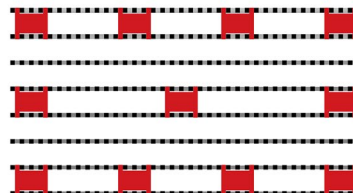
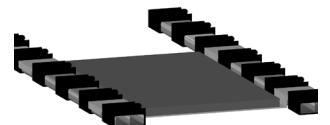
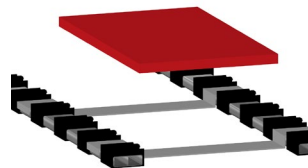
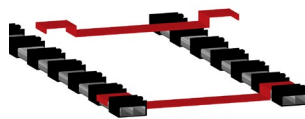
- Turn the board and click it to the understructure. Go on with the rest of the boards if necessary.

- In case a board is cut more than one time, it's possible to re-create the iJack hole drilling the board in the length direction at 17mm from the edge with a 10mm drill bit.



Counterweight plates

Useful tools to use when it's not possible to drill the soil. Counterweight plates are 50x30x2cm and 24kg each.



ClickOUT

ClickOut is the tool to "unclick" the DURO / Bamboo boards from the system



EasyClick system

Deckbuilder's zone

Professional Deckbuilders will be extremely happy to know that **iDecking EasyClick** system won't force them on their knees all day long and will also drastically reduce installation time!

Say good bye to wasting your time aligning each decking board since our **EasyClick** system automatically aligns it for you! **EasyClick** understructure "rails" are placed every 40 cm, locking each decking board on four different points increasing the strength of the entire floor/wall structure.

Special **EasyClick** clips are also available to serve any decking design.





www.idecksystems.com