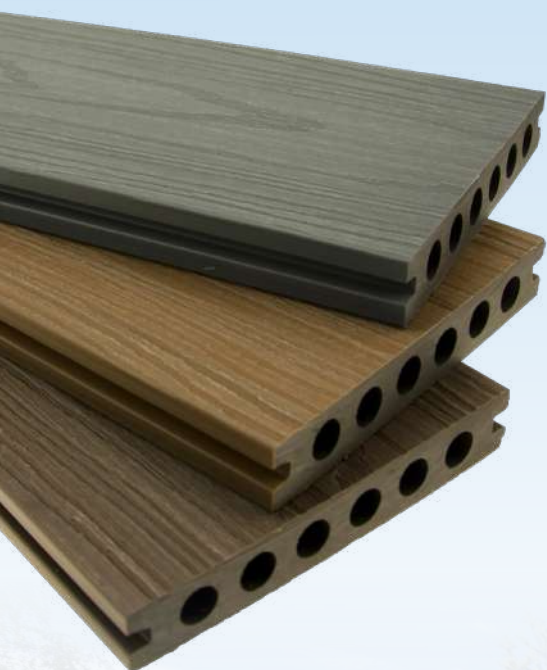




# TERANNA

## COMPOSITE DECKING



EVER-DECK  
EVER-SHIELD





# COMPOSITE DECKING

Composite decking is an innovative product that acts as a perfect alternative to traditional timber decking that requires a lot of work in order to maintain its attractive appearance.

TERANNA Composite Decking is an environmentally friendly product thanks to its raw material composition of recycled wood and plastics and provides an attractive yet durable surface for a range of domestic and commercial applications.

TERANNA Composite Decking boards are available in two ranges: Ever-Deck and Ever-Shield and provide your deck, balcony or terrace with a maintenance free, slip resistant surface that will look better for longer.

## OUR MAIN OBJECTIVES ARE:

To ensure our products exceed expectation

To create innovative products

To constantly improve our technology

To minimise wastage in our manufacturing process

To conserve precious natural resources

To lead the way with innovation and creativity



**TERANNA Composite Decking boards are made entirely from recycled plastics and recycled wood.**

- ✓ TERANNA utilises a unique, environmentally friendly process to turn recycled wood and plastic into strong, moisture resistant boards that are natural-looking, durable and high quality
- ✓ Full resistance to corrosion, moulds and fungi
- ✓ The boards never have to be sealed, stained or painted
- ✓ This type of decking is far more slip-resistant than traditional materials
- ✓ Composite boards don't warp or fade in the sun
- ✓ No splinters or cracks (unlike traditional decking)
- ✓ Suits all styles and budgets whilst maintaining an attractive appearance



# WHY CHOOSE TERANNA

**Historically people have automatically turned to timber decking – now we choose Teranna!**

TERANNA Composite Decking is a great alternative to timber decking. It will withstand all types of harsh weather conditions and will create a comfortable, attractive external living space.

When you're making the significant investment to your home that a deck entails, it's important to consider the time and cost you will spend maintaining a timber deck, rather than enjoying it. Teranna Composite Decking requires minimal maintenance - no need for painting, staining or sealing!

TERANNA Decking is slip resistant and is produced to BS standard 7976 part II. It's also splinter-free so relax, kick off your shoes and enjoy! It is environmentally friendly and has the perfect balance of quality and sustainability.

## 6 ADVANTAGES OF TERANNA COMPOSITE DECKING

### OUTSTANDING APPEARANCE & FEEL UNDER FOOT

- Natural feel & wood touch
- Broad range of finishes and appearance
- Multicolor

### DIMENSIONAL STABILITY

- Tested to remain crack free in temperatures between -40°C to +60°C

### MATERIAL QUALITIES

- Low flame spread
- High slip resistance
- Contains no toxic chemicals or preservatives
- Environmental friendly and 100% recyclable

### INSTALL & MAINTAIN EASILY

- Easy and quick to install
- No need for staining & water sealant
- No painting needed

### HIGH STRENGTH

- Outstanding screw and nail retention
- High impact resistance
- Great compressive-tensile shear strength
- Superior modulus of elasticity

### LONGEVITY

- Expected life span in excess of 20 years





Teranna Ever-Deck is available in 3 standard colours that will cater for all tastes and will create an attractive external living space in your home. It boasts excellent safety characteristics most notably it's excellent anti-slip ratings.

Teranna Ever-Deck comes with double sided grooves and has a very wide range of applications ranging from small balconies and verandas; through to the decks of family homes and large commercial projects such as swimming pools and recreational areas.

The composite technology ensures durability and high resistance to abrasion, external mechanical forces and biological agents such as salt and chlorine. There is no need for any impregnation, and yet Ever-Deck boards won't lose their properties over time.

## BENEFITS



FIRE RATED

The product is made of non-combustible and safe material which is suitable for universal use.



NON-SLIP SURFACE

Highly durable with exceptional anti-slip properties to BS Standard 7976 part II.



RESISTANT TO UV RAYS

Through the use of high quality pigments and UV filter additive, we have obtained unprecedented colour depth of our products.



MADE OF SELECTED WOOD

Teranna Ever-Deck is made from recycled materials. Our decking boards are environmentally friendly and can be recycled.



RESISTANT TO FUNGI, LICHENS AND INSECTS

Teranna Ever-Deck is fungi and lichens resistant and does not attract insects.



RESISTANT TO LOW AND HIGH TEMPERATURES

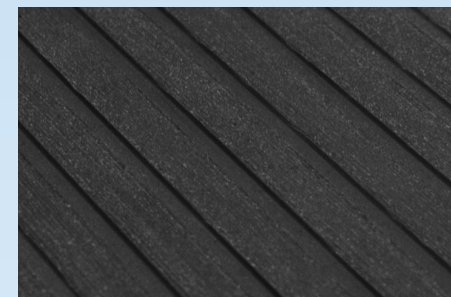
Suitable for all weather conditions.



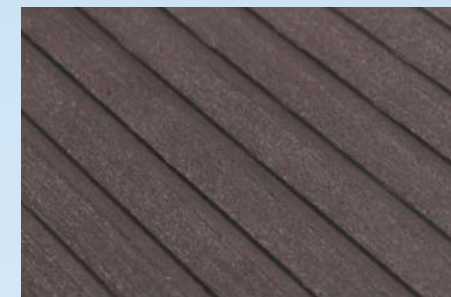
NO NEED FOR MAINTENANCE AND PAINTING

No annual oiling required. Saves money and time.

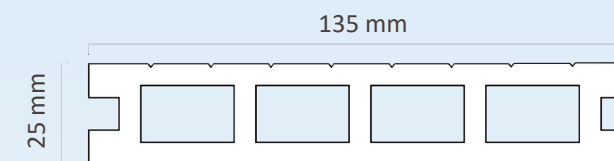
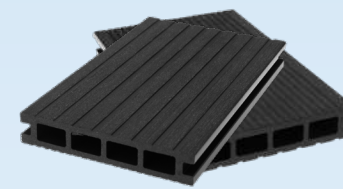
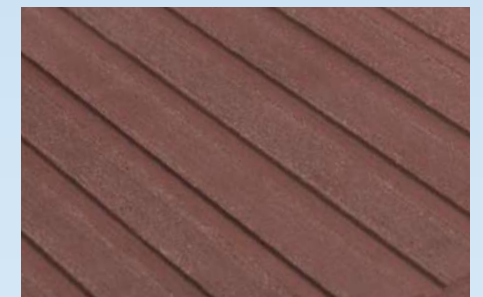
GRAPHITE



DARK BROWN



LIGHT BROWN



Weight: 2.52 kg/m  
3.6 m long

REVERSIBLE BOARDS





TERANNA Ever-Shield is authentic timber effect decking, which retains its beauty for decades. Slip-resistant, easy to install, reliable, and safe, TERANNA creates outdoor settings where people love to spend time.

The Ever-Shield range protective shield looks and feels like natural wood. It's the latest innovation in composite decking providing an aesthetically beautiful product that performs to the highest standards. It's center consists of a unique blend of recycled environmentally friendly raw materials that ensure superior product performance without harming the environment.

Ever-Shield won't splinter or crack making your home barefoot safe. Ever-Deck is also resistant to rot, cracking or insect damage. It requires low maintenance with no need for painting, staining or sealing.

Available in several colors to suit any taste and complement any exterior. Ever-Shield will look like new for years.

# BENEFITS



ECO  
FRIENDLY

Made from recycled material.



NATURAL  
WOOD LOOK

Looks and feels like natural wood;  
available in 3 colours.



PROVEN  
PERFORMANCE

High performance thanks to  
advanced engineering.



ULTRA  
PROTECTION

The shield gives the boards  
superior protection.



HIGH  
QUALITY

Made of high quality materials,  
ensures durability and resistance.



AFFORDABLE

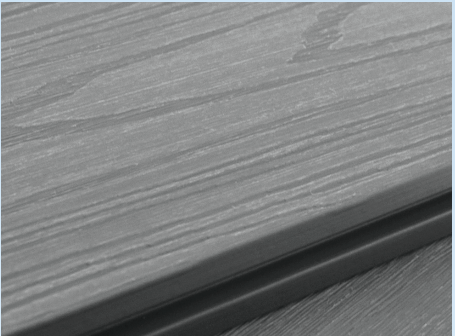
TERANNA Composite Decking  
boards are affordable.



WEATHER  
RESISTANT

Suitable for all weather  
conditions.

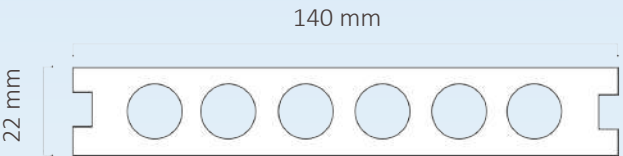
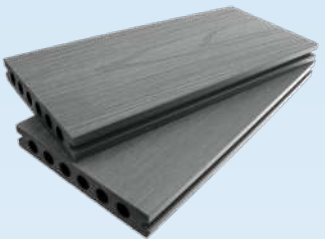
SILVER GREY



TEAK



WALNUT



Weight: 3.13 kg/m  
3.6 m long





# ACCESSORIES



JOISTS



WOOD PLASTIC  
SEALED EDGE



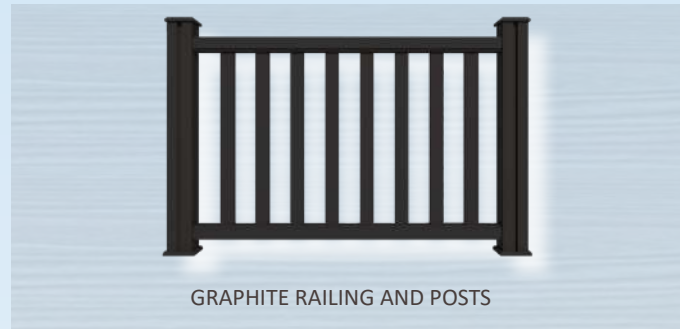
ALUMINIUM  
SEALED EDGE



STAINLESS STEEL  
START CLIPS



STAINLESS STEEL  
CLIPS



GRAPHITE RAILING AND POSTS



DARK BROWN RAILING AND POSTS

Love, Passion and Attention to Detail are  
The Ingredients of Any Peaceful Space.

Choose Teranna and Create  
Sophisticated Space.





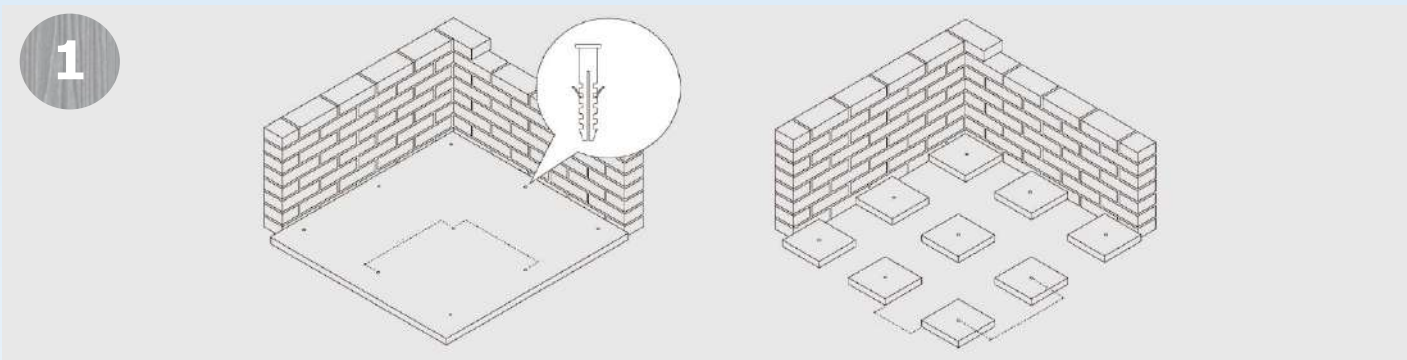
# PLANNING AND INSTALLING

## BEFORE BEGINNING THE WORK

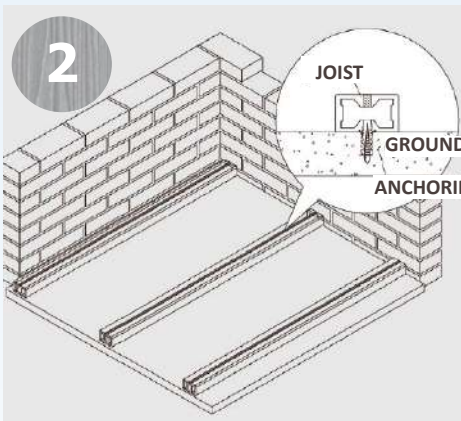
Having taken delivery of your boards, we recommend you allow them a day to adjust to your local temperature and conditions before starting work. We do not recommend installing your deck in cold weather. Your decking boards can be worked with normal woodworking tools. We recommend using a wood saw with a fine-tooth blade to cut boards to size. When cutting, care should be taken to ensure that boards are properly supported.

*As with other building work it is important to work safely and to take suitable safety precautions including the wearing of protective clothes, gloves, safety goggles and dust mask.*

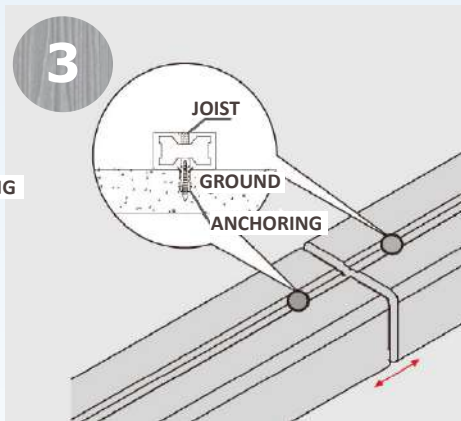
## INSTALLING



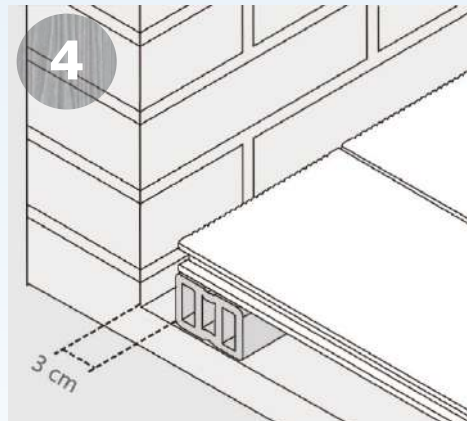
Punching holes  $\Phi$  6 in the installation area with impact drill. Recommended width ways and lengthways distance between two holes is 350mm. Knock the plastic expansion pipe  $\Phi$  6 into the holes and make sure it is tight enough and will not expose.



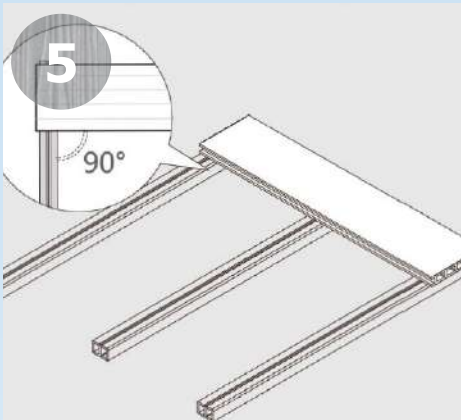
Take expansion pipes as centre line and lay the joists (cut if necessary) on the line. Drill corresponding holes in the joists and fix the screws into the expansion pipes through the holes.



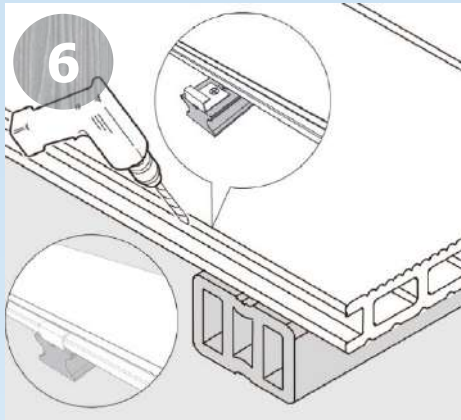
Extra fixing of expansion blots are necessary on both joists near juncture. The holes should be at least 3cm to the end of joist.



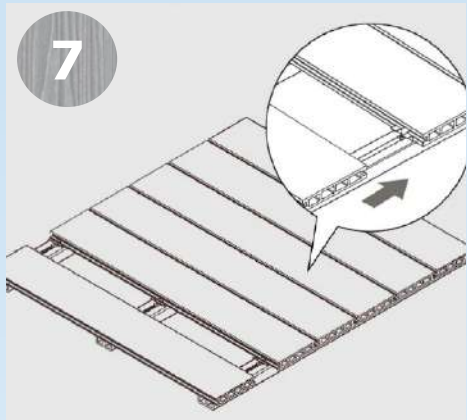
Allowing for the expansion and maintenance, sufficient distance around your terrace and by obstructions such as walls, fences, trees, etc. should be at least 3cm.



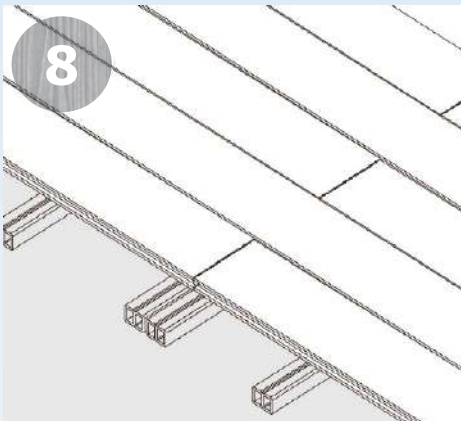
Put first Decking planks on vertical way of joists, fasten the first plank by starting clips at outside of decking. The position and direction of first plank should be accurate guaranteed to be the reference for the following planks.



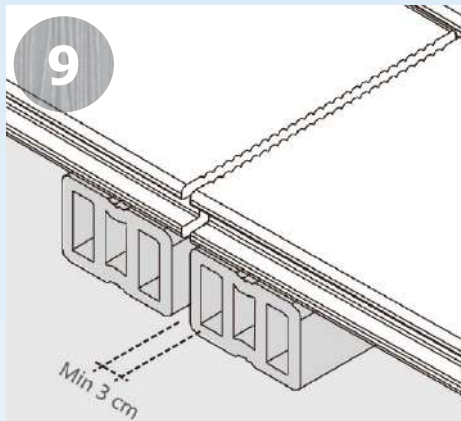
First Plank should be fasten by starting clips.



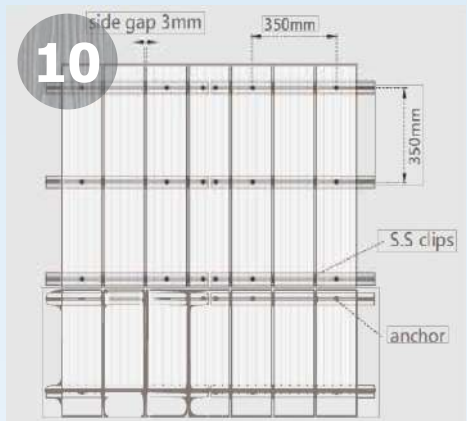
Place the stainless steel clips in the right position and screw it. Insert the second Plank into the clips then repeat this process.



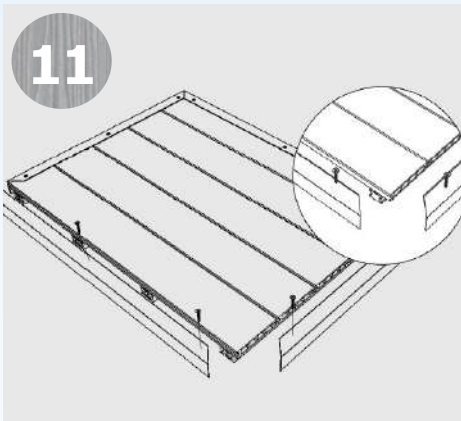
Two joists are needed for each Plank at the jointure.



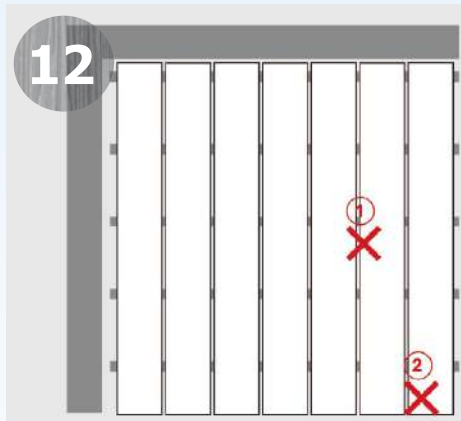
In case of the deformation caused by temperature change, joists should not be too tightly connected. We recommend the distance between two joists is 3cm.



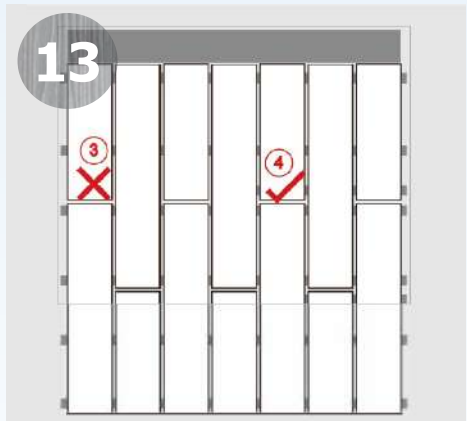
Review of the whole decking system.



Fasten the finishing strip with screws.

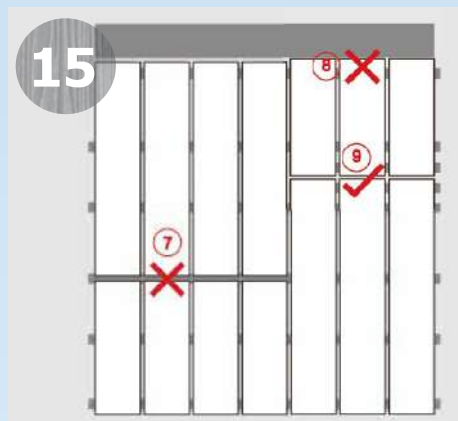


(1) Single deck should not be over 4000 mm.  
(2) The end edge of the deck are too far away from the joist



(3) Two joists are not used for each plank at the jointure.  
(4) Two joists are needed for each plank at the jointure.





- (5) Two joists are needed for each plank at the jointure.
- (6) The space for each plank at the jointure should be over 3mm.
- (7) Two joists are not used for each plank at the jointure.
- (8) The end edge of the deck should not be too close to the wall.
- (9) Two joists are needed for each plank at the jointure and with right space between two decks.

## CARE AND MAINTENANCE

All exterior building products require periodic cleaning and Teranna Decking is no different – thankfully Teranna requires very little! Cleaning will help to maintain the beauty and longevity of your deck and is a simple way of protecting your investment. We recommend you wash your deck once a year (in spring or summer) with water and soap (using a scrub brush if possible following the grooves in the boards).

It's recommended to use a blade to clean the space between each board to maintain good drainage and ventilation. For more information of maintenance, please refer to the table below.

### SCRATCH

Slight scratches don't matter and won't impact on the appearance of your decking. A light metal brush or a medium grade sanding paper can be used if you insist on removing such scratches.

### GENERAL DIRT & DEBRIS

The affected area should be sprayed with a hose to remove surface debris. Use warm soapy water and a soft bristle brush to remove dirt and debris from the embossing pattern.

### ICE & SNOW

A plastic shovel should be used to remove snow from your deck. Use calcium, chloride or rock salt to melt the snow and ice from the deck surface.

### OIL/GREASE/FOOD

All food spills should be removed as soon as possible. The surface must be cleaned within seven days to maintain the stain warranty. To remove, spray off with a hose and use warm, soapy water and a soft bristle brush to remove spills from the embossing pattern.

### MOULD & MILDEW

If debris such as pollen and dirt is allowed to remain on the deck surface long term, mould can form and attack the protective layer.

Using a hose and warm soapy water with a soft bristle brush, it is recommended to remove the mould.

## FREQUENTLY ASKED QUESTIONS

### What is the composite decking made of?

Our decking is manufactured from HDPE (high density polyethylene) and recycled wood fibre. Unlike other composite decking products, our technology will prevent mould and mildew from penetrating and degrading the boards.

### How does the product fade over time?

There is a high quality UV stabilizer added to the product to make it fade resistant. Any colour fading that occurs is barely noticeable to the human eye.

### How many colors are available?

Ever-Deck in 3 colours and Ever-Shield in 3 colours.

### What lengths are available?

Deck boards are available in 3.6 meter lengths.

### Can I get a matching railing system?

Yes, please contact us for further information. Email: [sales@laydex.ie](mailto:sales@laydex.ie) Phone: +353 1 642 6600

### Can I install the composite decking myself?

Our composite decking is one of the easiest materials to install. Should be easy to install for both DIY enthusiasts and builders alike.

### What spacing is required for my joists?

The joists are to be spaced no further than 16" (400mm) on centre for standard installations and 12" (300mm) on centre for commercial applications. All stairs should be built 12" on centre.

### What is the lifespan of Teranna?

Expected lifespan in excess of 20 years under the condition of outdoor weather.

### Is there any guarantee with the decking products?

Yes, there's a 15-year guarantee for Ever-Shield and 10-year guarantee for Ever-Deck decking boards.

### How much more does composite cost compared with timber?

Composite decking is slightly more expensive than timber, but reduced maintenance costs add up to a greater value than timber – not to mention the value of all the time you get to spend enjoying your deck rather than working on it.

### Can I recycle decking boards when I decide to replace them?

Of course. Teranna Composite Decking boards are 100% recyclable.

### How do I clean my deck?

The simplest method is to wash the deck with a mild soap and water, power washing offers excellent results as well.







# **TERanna** COMPOSITE DECKING



Unit 3, Allied Industrial Estate, Kylemore Road, Dublin 10  
01 642 6600      sales@laydex.ie      www.laydex.ie