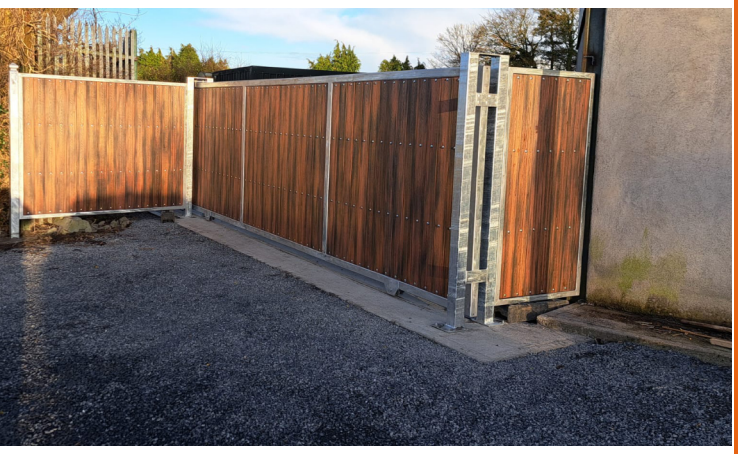
TALITECH

DECORATIVE METALWORK SUPPLIES









EDITION 8 | AUTUMN 2026

RECYCLED PLASTIC BOARDS & COMPOSITE SOLUTIONS

An eco-friendly, durable and cost-effective alternative to traditional materials

Recycled Plastic Boards

Composite Decking

Composite Cladding

Composite Fencing

021 432 2848 info@talitech.com talitech.com











RECYCLED PLASTIC BOARDS HAVE MANY BENEFITS

Recycled Plastic Boards are made from post-consumer waste. This helps offset the environmental impact of everyday plastics. Each metre of board contains the plastic of approx. 650 milk or juice cartons. That's good news for the environment and good news for landfill.

Environmentally-Friendly
100% Recycled Plastic

Maintenance-Free
Fit and Forget

Rot-Proof
Strong, Clean and Long Lasting

Never Needs Painting
Just clean when necessary

UV Resistant

Weatherproof

The composition of the boards makes them very durable, easy to work with and long lasting. This makes them a great alternative to traditional materials that require a lot of ongoing maintenance during their lifespan.

CONTENTS OVERVIEW



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- Unlimited Co-Ex Series
- Square Edged



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- Accessories



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- Decking Boards
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- Fixings



STOKBORD & PROTRACK GROUND PROTECTION 13

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Unit C3,
Grange Industrial Estate,
Ballycurreen, Cork
T12 XR98

021 432 2848
info@talitech.com
www.talitech.com

ECO BOARD - Tongue & Groove



Woodgrain Finish

138mm wide x 28mm thick



Charcoal



Green



Grey



Brown



Galvanised Strengthening Strips



Galvanized strengthening profile for 28mm T&G Boards

To be used on every board or at minimum on every 3rd board vertically or horizontally

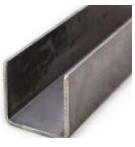
Available in:
1250mm, 1490mm or 1790mm lengths

Available Lengths:

- 2400mm | 2000mm
- 1800mm | 1200mm

Charcoal & Grey available in 3mtr lengths

U Channel-Bare Metal



- 35 x 35 x 2mm thick
- Available in 2m & 3m lengths.
- Suits 28mm Tongue and Groove

U Channel- Galvanised



- 35 x 35 x 2mm thick
- Only in 3 Metre lengths.
- Suits 28mm Tongue and Groove



Please be advised:
These boards are made from recycled plastic, so there can be discrepancies in finish, colour and length in each batch

ECO BOARD

Co-Ex Unlimited Series

Please note: These boards are made from recycled plastic.
There can be discrepancies in finish, colour and length in each batch.

Co-Ex Series boards are unique as they contain an inner and outer layer.

Both layers use fully recycled plastic materials to create the end product.

As the layers are co-extruded, they give a strong, durable and unique finish with increased rigidity over their standard counterparts.

By combining different colours and application techniques in the outer layer unique designs are created with no two boards being the same. This means every project has a unique look.

The Unlimited Series comes as a 138mm x 28mm profile available in 1200mm, 1800mm, 2000mm and 2400mm lengths.





Timber Effect



Golden Pine



Ash Grey



Benefits



- Fully recycled materials from household waste.
- Waterproof, mold-free and swell-free.
- UV resistant.
- With no wood content, they don't absorb water and can deflect unwanted noise
- Easy to work with, having a workability similar to wood. You do not need any special knowledge to install it, simply allow for a little expansion and contraction.
- It does not require additional protective treatment.

ECO BOARD - Square Edged

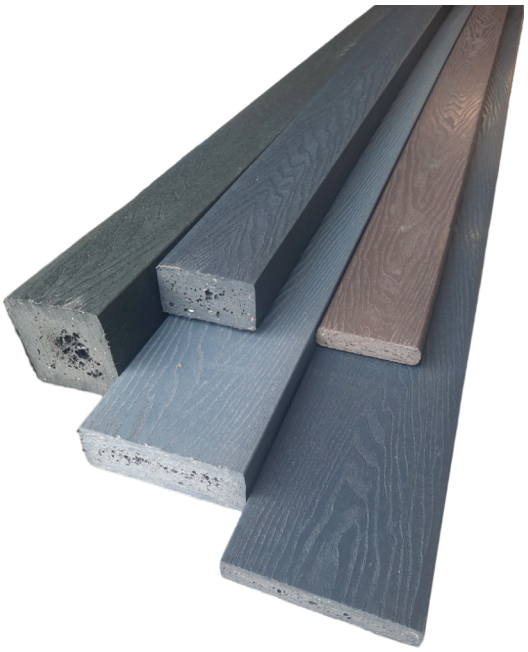
Like their T&G counterparts, these boards are made from fully recycled plastics.

Possessing all the same characteristics that make them durable, easy to work with and long lasting.

Their square edge profile provides an advantage over T&G, giving more size options and allows them to be used in projects where continuous coverage is not required.

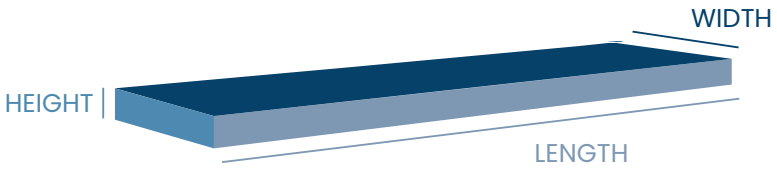
The larger profile sizes are ideal for garden furniture.

With 3 colors to choose from and sizes from 95mm x 20mm up to 140mm x 50mm, the options are plentiful.





SIZES			COLOURS		
Length(mm)	Width(mm)	Height(mm)	Black	Brown	Grey
3600	140	25	●	●	●
2400					
1800					
3600	95	20	●	●	●
2400					
1800					
3600	140	50	●	●	●
3000	95	95	●	●	●





Please be advised:
These boards are made from recycled plastic, so there can be discrepancies in finish, colour and length in each batch

FITTING GUIDEINES

FOR RECYCLED PLASTIC BOARDS

THE DO'S

- **Use a stainless-steel bolt, nut and washer system to secure the boards to a frame.** Minimum size M6. Stainless-steel bolts & nuts available in stainless or chemically darkened black finishes.
- Where possible, boards **should be fitted** at or near their anticipated upper service temperature.
- Before installing, boards should be stored at the ambient temperature that they will operate in once fitted and should always be stored in a level and flat condition. Ideally this needs to be 24 hours or longer.
- Before final installation it is recommended to oversize holes by min of 2mm in relation to bolt size. M6 Bolt – Drill 8mm hole. This allows for expansion and contraction of the board.
- For the T&G boards, slot them gently into each other as they are a loose-fitting board.
- For square-edged boards, leave a min of 5mm gap between all the edges of boards for thermal expansion.
- You can nail or screw boards ONLY when fitting the plastic boards to each other. E.G: Raised flower beds, garden furniture. In these cases, everything expands and contracts together! So, no need to allow extra room.

THE DONT'S

- DO NOT use countersunk screws as the board expansion will stress the screwhead and cause it to snap off.
- DO NOT over tighten bolts, allow for thermal expansion at the rate of approx 2.1mm per linear metre per 10-degree rise in temperature.
- DO NOT nail or glue any part of the planks, when fitting to a metal frame.

SAWING

Preferably use an electrical circular saw, use a bi-metal blade with a high tooth count if possible.

A small blade can heat up, causing the material to melt and to become more difficult to saw.

If sawing the tongue and groove boards length ways the smaller piece can become bowed due to the release of tension.

Stainless Steel Bolts Available

M6 Sizes: 30mm-90mm

Finished in Satin or Chemically Blackened

Various Nuts & Washers in stock.

M8 Sizes: 40mm - 90mm

USAGE RECOMMENDATIONS

FOR RECYCLED PLASTIC BOARDS

Please note that these recommendations may need to be altered to suit your project depending on where the boards are being used.

BRACING SUPPORTS

Rules for T&G boards being fitted vertically or horizontally:

- 28mm T&G boards, anything over 1000mm tall needs a center brace.

Rules for Square Edged boards being fitted vertically or horizontally:

- 95mm x 20mm Square Edged boards should be supported every 500mm
- 140mm x 25mm Square Edged boards should be supported every 750mm

Only 1 bolt is required at Top, Middle (if center braced) and Bottom.

EXTERNAL USE

When using the T&G boards for external structures, the use of a U-Frame is recommended.

The boards need to be framed on all 4 sides and should not be packed too tightly.

EQUESTRIAN

If fitting into stable doors/partitions etc, always overcompensate and err on the side of caution when bracing boards as high impact is highly likely.

In high impact environments if using strengthening strips, it is recommended to place them between every board or every second board.

STRENGTHENING STRIPS

Galvanised Strengthening Strips are available for the 28mm T&G boards.

By using these at every third board **or more often it can** eliminate the need to centre brace up to max. of 1800mm tall or wide if being fitted horizontally.

Need Samples?

Samples of all our Recycled Plastic products and Decking Boards available

CONTACT OUR SALES TEAM

021 432 2848

info@talitech.com

COMPOSITE FENCING



This next-gen composite features a unique Capping Technology which covers the boards with a protective layer.
This layer enhances durability and resistance, to environmental impacts such as moisture and UV rays, significantly extending the product's lifespan.

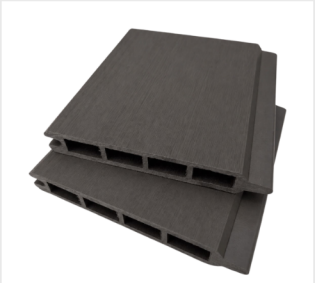
Made from 60% FSC® certified wood, 30% HDPE and 10% binding agents.

Standard Board Size : 1800mm x 150mm x 22mm

Umbra Grey



Triple Slat



Plain

Matt Black



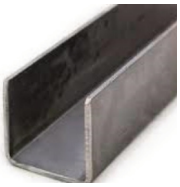
Triple Slat



Plain

28mm U-Channel

Ideal if creating stee fence posts or installing in gate frames.



Available in 3mtrs
28mm x 28mm x 2mm
Bare Steel Finish



One Full 6ft Panel uses

- 8ft Composite Posts with Caps
- 22mm T&G InFill Boards
- One 22mm Top Board
- 2 x Fencestops

Fitting Solutions

Composite fences can be created using one of three options.

1. Composite Post & Boards
2. Concrete H-Posts & Heavy Duty direct fit boards.
3. Concrete H-Posts + Composite Adapter for standard boards.

Composite Posts with standard 22mm boards





2500mm x 110mm x 110mm

Concrete H-Posts with Heavy Duty 50mm boards



Heavy Duty Fence Panel 1830mm x 300mm x 50mm



COMPOSITE DECKING BOARD

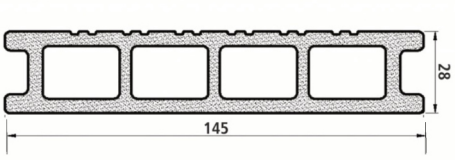
145mm x 28mm x 4mtr



Bio-composite decking boards are an outstanding alternative to traditional wood terrace boards since their maintenance is minimal. Boards are long lasting and durable, non-slippery, resistant to impact, rotting, moisture, UV rays and adverse weather conditions. We offer a range of terrace board colors and end profiles to complete your project.

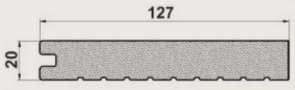
Inowood Fitting Video

A great way to make your project a success

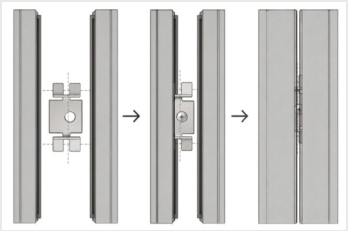


Decking boards are two-sided with a flat side and a detailed lined side; giving you extra choice for the finish you require. Both sides are anti-slip.

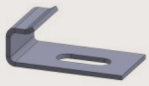
Fire Rating Cert available on request



End-Side Vertical Profile
Available in all 3 colours
x 3m lengths



Intermediate Clip



Start /End Clip



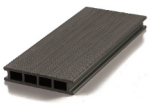
Shock Rubber Tapes

Blocks water and reduces moisture on support beams. When using steel support they also deaden the sound and provide a bounce under your feet.

Anthracite

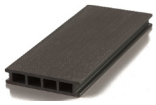
Lined





Plain Side

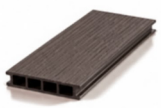




Brown

Lined





Plain Side





- LONG LASTING
- HIGHLY DURABLE
- NON-SLIPPERY
- IMPACT RESISTANT
- ROT RESISTANT
- MOISTURE RESISTANT
- UV RAYS RESISTANT
- ADVERSE WEATHER RESISTANT

Steel support beam structures can be up to 500mm between centres

If using plastic or timber beam structures, reduce the centres to 400mm

Samples of decking boards available on request

As these are composite boards please allow 6 to 8 weeks after fitting for colour to stabilise

INOSIDE COMPOSITE CLADDING



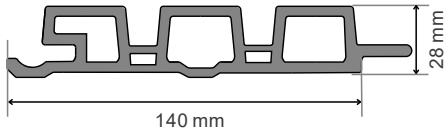
InoSide is a lightweight solution for cladding house facades and sheds. This facade system is made of 100% recycled bio-composite.

Facades are functional, long-lasting, retain their color properties, are resistant to external factors - pests, rot, moisture, ultraviolet rays and adverse weather conditions.

The overlapping tongue design of the board ensures only the minimal of fixings are visible giving a very clean look.

Façade boards are fixed to a wall mounted support structure with self-tapping screws used every 500mm of height.

Dimensions : 160 x 28 x 3000mm
Covered width : 140mm



ANTHRACITE



BROWN



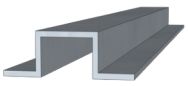
CEDAR



ELEMENTS OF VERTICAL MOUNTING SYSTEM FOR FLC SIDING PROFILES



FLC PROFILE SIDING
Covered width: 140mm



OMEGA SHAPE PROFILE (GALVANIZED STEEL)
Thickness: 1,2mm
Legs width: 20mm each
Height: 20mm
Width : 30mm





protrack by Centriforce



Ground protection made from sustainable sources

- Black - 2440mm x 1220mm sheets
- Available in 12mm thick

Uses

- Pedestrian Walkways
- Compounds
- Roadways
- Landscaping Projects
- Outdoor Events and Festivals
- Cemeteries
- Sports and Leisure Facilities
- Temporary Roadways and Carparks

stokboard® by Centriforce





A general purpose sheet to replace Ply, MDF or sheet steel

- Black - 2440mm x 1220mm sheets
- Available in 12mm & 18mm thickness

Uses

- Trailer Lining
- Stable Kick Boards
- Poultry Pens
- Sheep and Pig Pens
- Feed Trailer Floors
- Grain Stores
- Bins
- Ground Sheets for Construction Projects

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NOW IN STOCK

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October 2026

HEAVY DUTY RECYCLED PLASTIC FENCE POSTS



- Do you need a really durable fence post material ?
- Fence Posts that are non-absorbent, resistant to fungi, decay, splintering and woodworm pests?
- Water-Resistant and can be used in watering spaces for animals and stream crossings.
- Ideal for horse runs and as supports for young trees or large shrubs.

1600mm x 80mm diameter, Grey smooth finish

Enquire for pricing

Unit 3, Grange Industrial Estate,
Ballycurreen, Cork, T12 XR98

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All Items are Nett plus Carriage @ Cost and VAT @ 23%

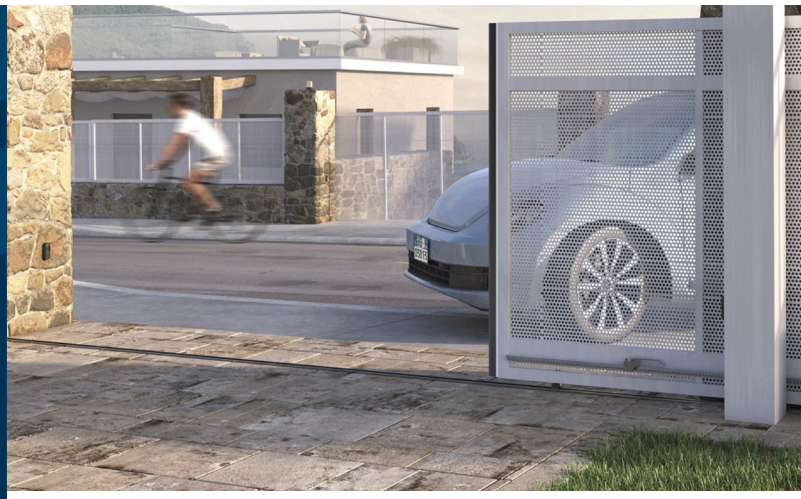
Notes

TALITECH
DECORATIVE METALWORK SUPPLIES

Ireland's Premier Supplier and Distributor of Decorative Metalwork Supplies and Components

Talitech is a family run business established in 1993, now in its 2nd generation and based on the outskirts of Cork City.

With many years' experience, Talitech prides itself on providing high quality products, competitive pricing and an efficient delivery service. We aim to give you and your customer the peace of mind you deserve.







- Decorative Metalwork Supplies
- Recycled Plastic Boards
- Stainless Steel Handrail Fittings
- Cantilever & Sliding Gate Solutions
- Sliding Door Components
- DEA Gate Automation
- Locinox Gate Hardware

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