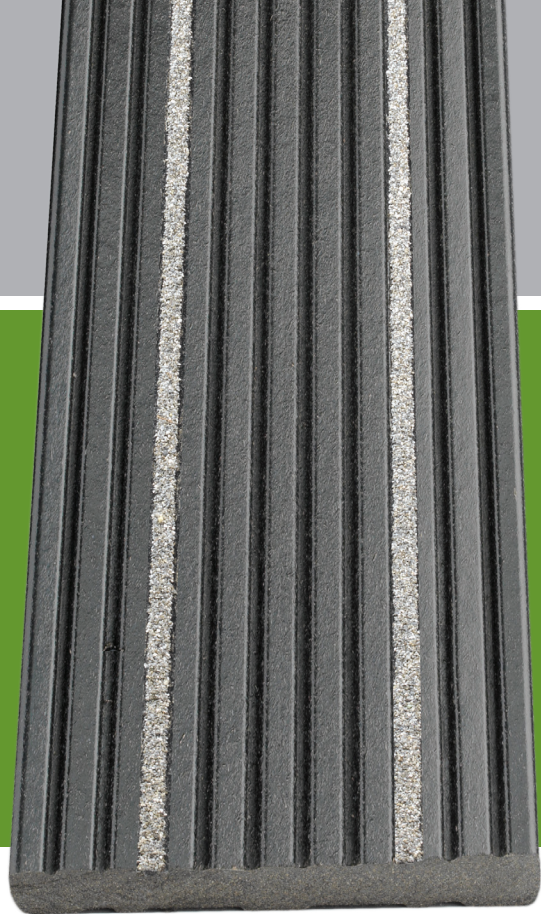


Safety without
compromise.

Featuring the grooved profile of ecodek® Wood Polymer Composite AT deck boards, **Gripsure Ecodek AT** offers modern, contemporary deck boards to commercial properties looking to use an outdoor deck board that will look and feel like a timber board. Using ecodek® face fixing screws, it's even fitted like a timber board. ecodek® AT offers the sustainable alternative to timber. With the added benefit of non-slip Gripsure inserts, **Gripsure Ecodek AT** offers the designer a modern alternative to timber decking without compromising safety.



Safety Without Compromise.

ecodek® is the sustainable alternative to timber and is the only product made in the UK with a 25-year warranty. When specifying composite decking, Ecodek Heritage and AT decking are some of the best performing Wood Plastic Polymer boards available.

Ecodek produces all their boards in the UK and put simply, will deliver a Wood Polymer Composite deck board which brings the beauty of timber but removes the flaws of natural wood. Since it will not stain, warp, split, flake or promote the growth of algae like timber, it is the perfect low maintenance choice of decking board that will allow you to enjoy your outdoor space for years to come. ecodek® is a robust system manufactured in the UK. It is a Wood Polymer Composite (WPC), which means it's made from a blend of recycled hardwood flour and HDPE polymer. The material composition is approximately 55% PEFC™ certified reclaimed hardwood fibres (Beech) and 45% high-density polyethylene recycled plastic milk bottles (HDPE). ecodek® boards are solid in cross-section and do not have the weaker, open core structure associated with many poorer quality products.

Even with high slip resistance, there are some applications where critical safety means collaborating with other marketing leading specialists to develop the highest performing solution to suit the most demanding applications.

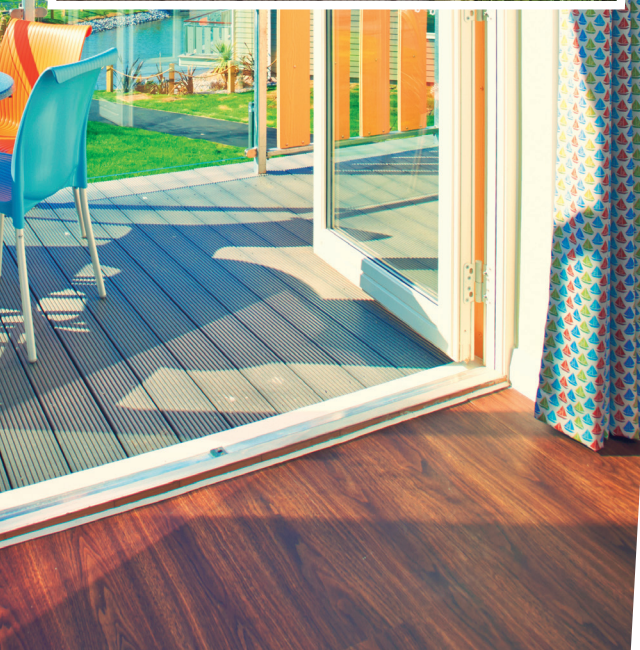
Gripsure Ecodek is made by injecting resin into specially routed grooves of Ecodek boards and coating with an aggregate finish. The result is an anti-slip insert that is bonded to the board.

Because the resin is applied in liquid form, the inserts are sealed into the grooves which means water cannot get in-between the board and the inserts. Water ingress can often occur with retrofitted treads where water can make contact with the board and cause it to swell and pop the inserts out.

Offering two ranges of board profiles – ecodek® heritage and ecodek® AT; specifiers, developers and architects are now able to choose from a range of colours and profile finishes for commercial projects and developments that will offer the highest non-slip rating, all year-round performance and durability to their clients.



Using the tried and tested benefits of ecodek® Wood Polymer Composite deck boards we have perfected an attractive wood grain effect outdoor board that will look and feel like a timber board. With face fixing screws, it's even fitted like a timber board. ecodek® Heritage isn't trying to imitate timber, ecodek® Heritage is here to replace timber. With the added benefit of non-slip Gripsure inserts, **Gripsure Ecodek** Heritage offers traditional aesthetics without compromising safety.



Gripsure Ecodek has been developed jointly by Ecodek and the experts in aggregate non-slip decking – Gripsure®. Designed to create the UK's leading non-slip decking board for critical slip applications, **Gripsure Ecodek** combines the benefits, and product qualities of ecodek® recycled Wood Polymer Composite decking, featuring non-slip inserts manufactured in the UK with market leading Gripsure aggregate treads. The Gripsure non-slip treads have a 5 year non slip performance warranty and are made with Guyanan Calcined Bauxite aggregate bonded into inserts within ecodek® deck boards.

How to Install.

Gripsure Ecodek Heritage and AT decking non-slip treads are made with hardened aggregate and will require either a hand-held angle grinder to cut through the aggregate only, followed by a chop saw or hand saw for the remainder of the board. For cutting a larger quantity of boards, we recommend using a Stehle polycrystalline diamond disk blade to cut through the aggregate and timber.

For full specifications and instructions please see our websites or visit www.stehle-int.com for your nearest Stehle saw retailer.



Long Life



Solid Build



Environmentally
Friendly



High Slip
Resistance



Low
Maintenance

APPLICATIONS

Featuring a range of fixtures and fittings and accessories, **Gripsure Ecodek AT** and **Heritage** decking is the complete decking system for high slip potential residential and commercial applications. We work with leading architects, designers and contractors across the world developing outdoor flooring and decking products, helping to transform external domestic, commercial and walkway spaces for their clients.

Designs for the outdoor environment that elderly and infirm residents frequent should concentrate on health and safety concerns and require more careful planning than many other public building projects.

- The prevention of slips and falls features more highly than on most other outdoor flooring applications and design schemes that utilise decking like **ecodek®** can reduce these risks significantly.
- **Gripsure Ecodek AT** and **Heritage** boards offer high slip resistance in all weathers as standard and doesn't promote mould or algae growth.
- It is specially designed for areas requiring disability ramps or gently sloping access paths, areas where extra care must be taken.

Schools, colleges and further education facilities are being tasked with meeting the highest level of environmental, health and safety regulations; while offering their students green outdoor spaces for rest and recreation.

- For maximum safety and demands on high usage and footfall, **ecodek®** boards offer an environmentally responsible choice for education projects as our sustainably manufactured boards uses **PEFC™** certified hardwood flour and polymer from recycled products.
- **ecodek®** boards also provide high noise absorption, low potential for slip and no fear of splinters common with timber decks.

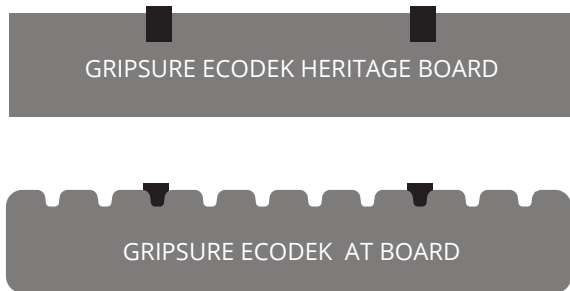
Gripsure Ecodek AT and **Heritage** is also particularly suited for other high slip potential applications such as marine, coastal and leisure. Decks that are constructed around holiday homes must be tough, easy to clean, slip resistant and have a very low maintenance requirement.

- **Gripsure Ecodek AT** with its advanced material formulation is tougher than most, and its solid cross-section means that it is quiet to walk on.
- With its **HDPE** polymer construction, **ecodek®** will not promote mould or succumb to rot or fungal decay.
- It is also easy to clean and doesn't require an annual protective coat of paint or varnish. With holidaymakers, in particular children, the likelihood of a slip could be high.

Gripsure Ecodek AT and **Heritage** have a low potential for slip, wet or dry. The extra grip can be ensured with the **Gripsure** treads that are inlaid into the board. Both boards ranges are available in several colours.

With outstanding environmental credentials, **Gripsure Ecodek AT** and **Heritage** decking delivers a high-performance decking system that is highly non-slip, durable, looks great and is made with a 95% blend of recycled materials.





Product	Dims	Non Slip Fill
AT	21mm x 136mm x 3600mm	2 aggregate strips
HERITAGE	21mm x 136mm x 3600mm	2 aggregate strips

Other lengths available on request. Bespoke cutting service available.

SRV SLIP TEST DATA 4S RUBBER (BS 7976-2:2002)

The following slip test results for **Gripsure Ecodek** AT and Heritage, wood/polymer composite deck boards are as tested in May 2018 to BS7976-2: 2002. These tests have been done on clean boards. In order to maintain traction levels similar to these shown, it is imperative that the deck is designed so as

to allow proper drainage and that the deck surface is kept as clean as possible.

For more information on slip testing, please go to:

www.hse.gov.uk/pubns/web/slips01.pdf

Slip Potential	HIGH	MODERATE	LOW
PTV	0-24	25-35	36-60

Legend

Pendulum Test Value: Ecodek Wood Polymer Composite Boards

Direction	Condition	Gripsure Ecodek AT	Gripsure Ecodek Heritage
Longitudinal	Dry	78	58
Transverse	Dry	76	60
Diagonal	Dry	70	59
Direction	Condition	Gripsure Ecodek AT	Gripsure Ecodek Heritage
Longitudinal	Wet	53	45
Transverse	Wet	49	49
Diagonal	Wet	46	54

The grooved surface offers improved slip resistance over the ribbed surface. Although both sides of the board are classified as low potential for slip. The above results were achieved by an independent testing facility and are from samples picked at random. Because of the variable nature of the natural and recycled materials used in the manufacture of ecodek®, slip resistance results may vary slightly from batch to batch. Ecodek recommend boards are installed transverse to the intended footfall. When using ecodek® on a ramp or incline, we strongly recommend the use of **Gripsure Ecodek** AT and Heritage as the potential for slip increases proportionally with angle of incline.

ACCREDITATION AND CERTIFICATION

Ecodek continually strive to improve our processes and practices in producing our top quality decking boards. We recognise that being assessed by an accredited organisation is important. As part of our management process, we actively pursue professional certification and accreditation for our products and supply chain partners. Here are some of our certification and accredited memberships.





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