



Gripsure Accoya®

PRODUCT GUIDE





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What is Gripsure Accoya®?

Gripsure® is the UK's leading manufacturer of non-slip decking with over 30 years of experience in resin and aggregate coated surfaces. When choosing a material to create a timber deck, beauty, strength and all-weather performance are important.

Accoya®'s long-life wood will not warp, split, swell or be affected by fungi, water uptake or rot. These features, combined with durable anti-slip inserts, mean that Gripsure's anti-slip deck boards made with Accoya® benefits from longevity and low maintenance and offers safe use all year round.

Tried and tested

Accoya® wood has been tested over prolonged periods in all types of weathering conditions, above ground, below ground and even in water for 20 years, and has been proven to withstand the toughest external environments.

Outstanding Durability

Accoya® wood's durability (rot resistance) is Class 1, matching, and even exceeding, the performance of nature's most durable woods such as Oak, Teak, Iroko and Sapele. Every batch of Accoya® wood is tested after production to ensure that its durability can be guaranteed.

Sustainable choice

By significantly enhancing the durability and dimensional stability of fast growing, abundantly available certified wood species, Accoya® wood provides compelling environmental advantages over scarce slow growing hardwoods, woods treated with toxic chemicals, and non-renewable carbon-intensive materials such as plastics, steel and concrete.

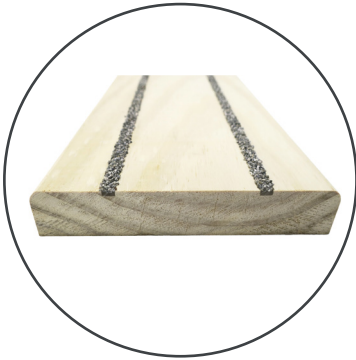
15-year non-slip guarantee

Gripsure Accoya® wood comes with a 15-year anti-slip guarantee, so when it comes to eliminating the risk of accidents, you can rely on Gripsure to out perform other products –guaranteed. As measured under BS7976 using the pendulum test (recommended by the HSE) and the guidelines from the UK Slip-Resistance Group Guidelines.



Gripsure Accoya®

technical specification



Technical characteristics

| | |
|--------------------------|---|
| Dimensions | ex. 150mm x 32mm and fin. 142mm x 22mm |
| Length | 2.4m to 4.8m lengths |
| Finish | Smooth |
| Anti-slip inserts | 2 aggregate inserts (3 inserts available on request) |
| PTV rating | 79+ (2 inserts) and 84+ (3 inserts) |
| Durability class | 1 |

Slip resistance

Gripsure Accoya® with two non-slip inserts will achieve a minimum PTV value of 79+ (pendulum test value). Gripsure non-slip decking has been independently tested using the pendulum test (the operation and calibration of which are described in BS7976:2002 parts 1 and 3) operated to the United Kingdom Slip Resistance Group Guidelines (UKSRG).

Aggregate inserts

Gripsure non-slip decking uses a 0.5mm - 1.4mm double washed and screened Guyanan Calcined Bauxite – grey colour with a minimum PSV (polished stone value) of 70.

Timber board

Gripsure Accoya® uses sustainably grown pine modified by acetylation. This increases the amount of naturally occurring acetyl molecules and reduces the amount of hydroxyls, improving the timber's durability, stability and service-life. Accoya® wood has exceptional durability

and is warranted for 50 years above ground and 25 years in-ground or fresh water.

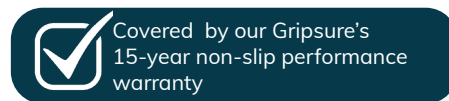
Gripsure decking made with Accoya® is supplied with FSC® timber – Certificate No TT-COC-003864

Cutting

Gripsure anti-slip decking uses an aggregate that is extremely hard that will blunt conventional blades very quickly. We therefore recommend using a Stehle polycrystalline diamond disk blade to cut through the aggregate and timber. No additional treatment is required for any cuts, notches or drill holes to Gripsure Accoya®.

Fixing

Stainless steel decking screws (A2 or A4) must be used for fixing Gripsure Accoya®. When using bearers impregnated with a pigment, isolate the Accoya® deck boards from the bearers.



Gripsure Accoya®

maintenance & cleaning

Gripsure Accoya® is a low maintenance product with no further preservative treatment necessary. Over time, the timber will weather to a grey finish. If desired, the boards can be stained or painted without compromising the performance of the non-slip inserts.

Gripsure decking is pressure washable using a 150 bar water pressure washer with fan nozzle at a minimum distance of 150mm. We recommend giving deck boards a quick wash every 12 months to remove any dirt and mould build up across the surface of the board and inserts.

Please note, alkaline cleaning products (pH 9 or above) should not be used on Accoya®.



Maintenance
free

Case study

The Rising Path

Gripsure non-slip decking made from Accoya® wood was specified for the Rising Path Project at Cambridge University's Botanic Garden. The Rising Path is one of the gardens' biggest horticulture projects to date. It aims to revitalise the relevance of the Garden's Systematic Beds which were first laid out in 1845. The striking structure offers visitors new ways to explore plant taxonomy.

The 65m long spiral structure was designed by Chadwick Dryer Clarke as a gently sloping path stemming off from the gardens existing path network. The path leads visitors to a viewing platform with a 3m vantage point where the full layout of the Garden's Systematic Beds can be seen occupying nearly three acres.

The structural frame is formed from galvanized steel with the majority of the structure built from Accoya wood which was selected for its durability, stability and clean aesthetic. To ensure safe access all year round the walkway and stairs needed to be slip-resistant. Over 1300 linear metres of Gripsure non-slip decking made from Accoya wood was supplied, backed with a 15-year non-slip performance guarantee.

Along the pathway are sections of landing points that highlight significant evolutionary innovations of plants that allowed them to leave the water for life on land. At these points, custom Gripsure Graphics non-slip decking boards were supplied. The boards needed to provide a visual contrast to the main decking as well as display information for visitors.

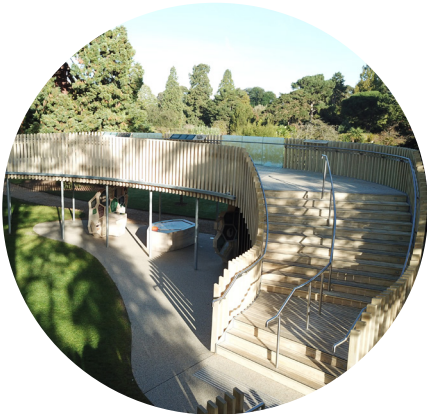


Case study

The Rising Path

"Gripsure's approach was positive and collaborative, with a real interest in supporting the design team and project. A number of prototypes were developed that refined the depth, size and edge clarity of lettering, and the successful result has a crispness and quality that exceeds the design aspirations."

- Chadwick Dryer Clarke Studio



Gripsure Accoya®

warranty information

You can now be assured your decking will retain its non-slip performance for a minimum of 15 years, guaranteeing you complete peace of mind.

Some decking products will give you an initial slip resistance i.e. what they achieve on day one, before they are even laid. But at Gripsure we think this is irrelevant. Having invested in our product, we think you should have peace of mind for the future. What you really need to know is “how long will my decking remain non-slip and to what extent?”

The aim of this warranty is to ensure that our customers have a clear understanding of how well the decking will perform, and what that means in practice.

Slip resistance explained

Gripsure non-slip decking has been independently tested using the pendulum test (the operation and calibration of which are described in BS7976:2002 parts 1 and 3) operated to the United Kingdom Slip Resistance Group Guidelines (UKSRG).

All Gripsure® products exceed both the wet and dry non-slip standards as set out by UK Slip Resistance Group. A value of 65 out of 100 is required for any non-slip surface to be classed as having an extremely low risk of slipping, of which all Gripsure decking also achieves.

The Health and Safety Executive gives 3 categories of risk for PTV scores to be measured against:

| PTV value | Potential for slip |
|-----------|-------------------------|
| 0 - 24 | High risk of slipping |
| 25 to 35 | Medium risk of slipping |
| 36 + | Low risk of slipping |



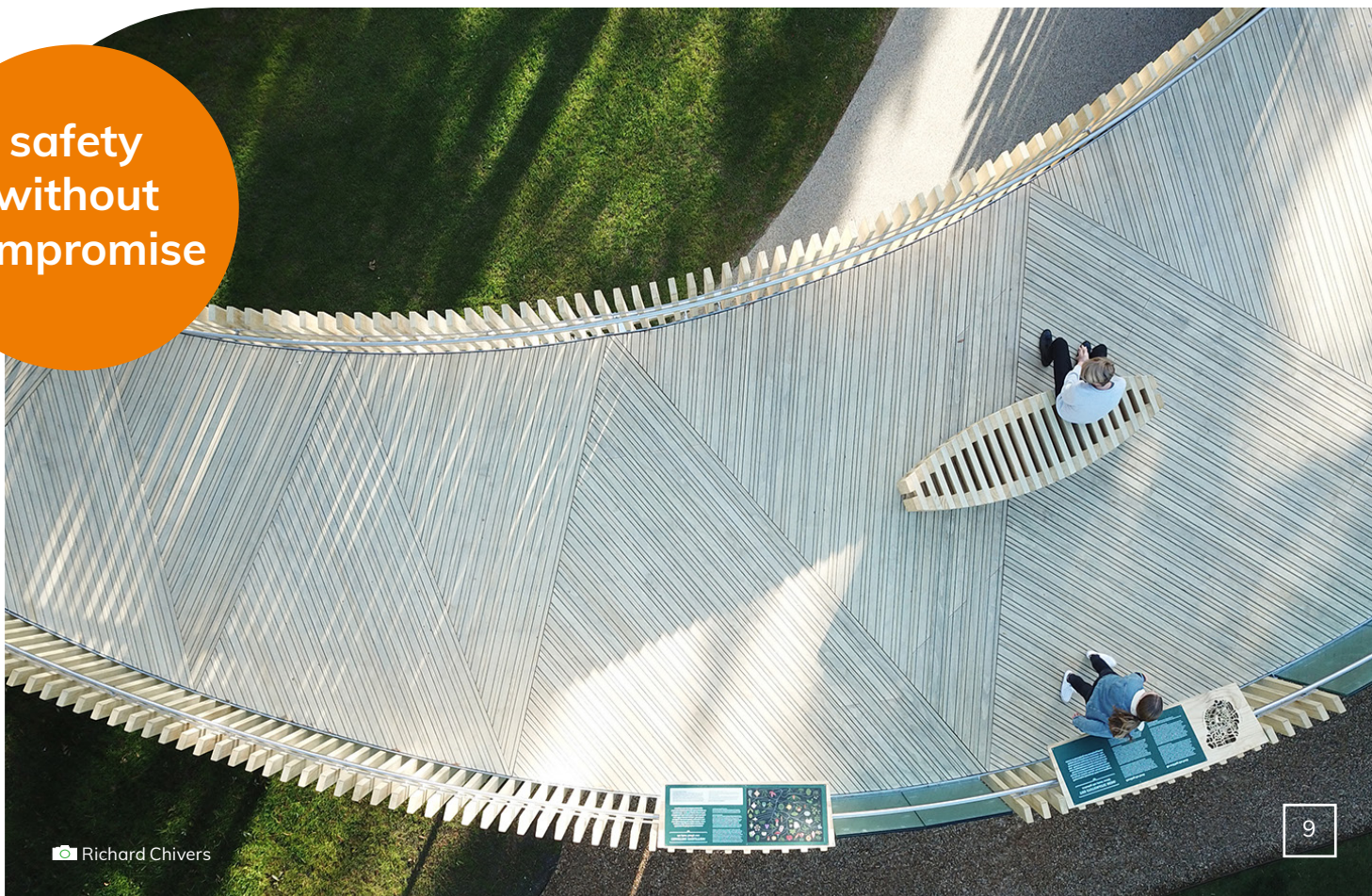
Gripsure Accoya®

warranty information

Gripsure's PTV ratings

| Gripsure Decking | Average Dry PTV | Average Wet PTV | Overall Average PTV | Guaranteed 15-year PTV |
|------------------------------|-----------------|-----------------|---------------------|------------------------|
| Gripsure Accoya® (2 inserts) | 84 | 74 | 79 | 45 |
| Gripsure Accoya® (3 inserts) | 88 | 80 | 84 | 55 |

safety
without
compromise



Gripsure Accoya®

warranty registration

How to register your Gripsure 15-year performance warranty

You must register your warranty with us 8 weeks from the date of delivery (in the event of multiple deliveries from the date of the first date of delivery), by emailing warranty@gripsure.co.uk with the following text:

Subject: Gripsure 15-year warranty

Message: We, [enter company name or personal name here], are registering our Gripsure 15-year performance warranty for [enter product name & invoice number here], covering decking installed at the following location [enter full postal address here]. We have read, understood and agreed with the terms and conditions of the Gripsure 15-year performance warranty.

We will then confirm receipt of the email, and issue your warranty certificate to the address you provided.

How to make a claim:

1. In the first instance, contact our office – have a copy of your warranty certificate details to hand, along with any photographs and a brief description of the claim.
2. The office will ask you to forward the photos and your warranty details to warranty@gripsure.co.uk
3. Gripsure will then make arrangements with you to visit site prior to the pendulum testing being undertaken.
4. A suitable date will then be set to undertake the pendulum tests to establish the PTV results of the decking.



Gripsure Accoya®

warranty t&cs

1. Warranty must be registered with Gripsure in the manner described above, within 8 weeks of first date of delivery applying to the goods invoiced.
2. 15-year performance is measured in accordance with the BS7976 testing criteria, and in the event of dispute, an in-situ test will be carried out on the decking boards. The test methods of that test procedure are described below.
3. Excludes any failures due to extreme heat exposure, mechanical damage, vandalism, excessive or extreme use of the decking inserts beyond their normal capability, water submersion of decking boards and inserts, extreme loading applied to decking boards and inserts or fire, any movement attributed to the sub-structure to which the decking is fixed, any act of God (flooding, hurricane, earthquake), improper handling and/or storage of the product,
4. Decking must be installed as per Gripsure technical instructions.
5. In the event of a claim the following testing procedure will be followed using the BS7976 pendulum test;

a) Total area of decking to be re-tested to be agreed on site.

b) The agreed surface must then be clean and dry from all detritus, algae and water contamination prior to any PTV testing

c) PTV measurements will be taken every 20cm parallel to each non-slip insert.

d) If less than 10% of the total length of the non-slip decking insert strips (from the total original order linear metres supplied) are deemed to fail the guaranteed 15-year figure as set out in the table above, then the decking is deemed fit for purpose and will not qualify under the warranty for re-supply.

e) If more than 10% of the total length of the non-slip decking insert strips (from the total original order linear metres supplied) are deemed to fail the guaranteed 15-year figure as set out in the table above, then insert strips with any result below that of the guarantee figure will be replaced.

f) Costs for the PTV tests will be borne by the claimant should the decking be found to be less than 10% defective as described above.

g) In the event of the Gripsure product failing the test as set out above, the company will write to confirm the claim as valid and at the company's option have the

right either to replace the decking inserts (not including any costs of removing and/or installing the original decking or inserts) or refund to the purchaser the portion of the purchase price paid by the purchaser for the affected items. Replacement inserts will be provided as close as possible to the original shape, quality and design, but Gripsure does not guarantee an exact match as product design and styles can change.

h) For the avoidance of doubt, this warranty shall not cover and Gripsure shall not be responsible for costs and expenses incurred with respect to the removal of affected product or the installation of replacement materials, including but not limited to labour and transport.

i) Under no circumstances will Gripsure be liable for special, incidental or consequential damages, whether such damages are sought in contract, in tort (including but not limited to negligence and strict liability) or otherwise, and Gripsure's liability with respect to products shall not exceed the replacement of such products or refund of the purchase price, as described above.

j) This warranty is in addition to the Gripsure published standard terms and conditions, and does not affect your statutory rights.



For further product information, or to discuss any project requirements,
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