

GripDeck® The Original and The Best Anti Slip Decking Insert

1. **BAUXITE aggregate.** Ages better and won't polish up smooth, like carborundum
2. **SQUARE CUT grooves.** We square cut for a better bond than a V shaped groove
3. **EPOXY resin.** Epoxy provides a more reliable bond than cheaper polyurethane resin

GripDeck® Inserts Anti Slip Test Results

GripDeck® inserts have been tested in laboratory conditions in accordance with guidelines recommended by the UK Slip Resistance Group. These tested were carried out using a Stanley Pendulum Test (processes are described in BS7976 : 2002 Part 1 – 3 and UKRSG Guidelines 2005).

The results are then compared against the following categories to give a potential

for slip value. 25 and below: High Potential for slip
 25 – 35: Moderate Potential for slip
 35 – 65: Low Potential for slip
65 and above: Extremely Low Potential for slip - For decking, this is a minimum requirement

Please note: The 65 and above category is no longer in use, however we still believe it to be a useful category especially when used to grade decking.

GripDeck® inserts have produced the following results

| Decking Profile | Dry Result | Wet Result | Value |
|-------------------------------------------------|------------|------------|---------------|
| Grooved 28x145mm 2 x GripDeck® inserts | 99 | 72 | Extremely Low |
| Grooved 28x145mm 3 x GripDeck® inserts | 101 | 86 | Extremely Low |
| Flat / Smooth 30x120mm 2 x GripDeck® inserts | 100 | 81 | Extremely Low |

GripDeck® Anti Slip Aggregate Guyanan Bauxite

Guyanan RASC Bauxite is manufactured in a rotary kiln at 1650C and forms a high alpha alumina bauxite with a mullite matrix and low alkalis. It is used for the manufacture of high alumina refractory monolithics and shaped products and as a road dressing aggregate for high friction surfacing.

| | | |
|----------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Aggregate Type: | RASC Guyanan Bauxite | - superior to carborundum |
| Colour: | Grey | - other colours available in pigmented quartz |
| Minimum Particle size: | Fine: 0.25 - 0.5mm Standard: 0.5mm - 0.9mm | - other sizes available |
| Polished stone value: | 80 | - will not polish up and become smooth |
| Aggregate Abrasion value: | 3.1 | - possible to walk on without shoes |
| Aggregate Crushing Value: | 34 | - will protect against impact damage |
| Hardness (Mohs Scale): | 9 | -close to diamond. Keeps anti slip qualities longer (aggregate properties as defined by BS 812) |

GripDeck® Inserts Spacing for best results

We always recommend 2 x GripDeck® inserts per standard size deck board (approx. 145mm wide)

Why 2 x GripDeck® inserts per board? This is simply to make sure that even the smallest of feet will always be in contact with a GripDeck® insert when walking across the decking.

Can I use only 1 x GripDeck® insert? If you only have 1 insert in a board 145mm wide, this will leave a gap of approx. 145mm between each insert when you install your decking and include the 5mm gap between boards. The gap between the anti-slip is far too wide. If your board is much narrower, around 80mm then 1 x GripDeck® insert would be acceptable.

How far apart should my GripDeck® inserts be? We would recommend a gap of between 70mm and 85mm between each insert.

GripDeck® Inserts Flat board / smooth groove spacing

If you are machining a standard 145mm flat board to take 2 x GripDeck® inserts, we would recommend you machine your grooves 30mm in from the sides of the deckboard, leaving a 72mm space between the two 6.5mm inserts in the centre of the board.

GripDeck® Inserts Specify the Best

9 Good Reasons to Specify GripDeck® Anti Slip Technology

1. The Original and The Best – GripDeck® engineers designed the original anti slip decking inserts over 20 years ago and have been improving its design and production ever since. Don't risk installing a cheaper GripDeck® copy, your clients won't thank you.

2. Our 10 Year GripDeck® Anti Slip Warranty - If you find an anti-slip alternative that doesn't come with a 10 year warranty, ask yourself why?

3. Diamond Quality Anti Slip - GripDeck® use aggregates with a MOHS hardness score close to diamonds, which means GripDeck® anti slip will NOT polish-up and smooth over with high footfall. GripDeck® anti slip will keep you on your feet for years and protect the timbers against excessive wear.

4. Automated Production means Better Quality - We have automated the production of GripDeck® inserts, which means the first 10 metres of your GripDeck® anti slip will be as perfect as the next 20,000 metres. No wavy anti slip lines from GripDeck®.

5. Surpasses Anti Slip Targets - Almost twice the slip resistance required to qualify as "low risk of slip", a rating previously known as "extremely" low risk of slip.

6. Specialist Resins - GripDeck® have worked very closely with leading companies to develop specialist epoxy resins in our anti slip. Inferior resins can bubble and crack, resulting in anti-slip failure. Anti-slip failure could be very costly!

7. FSC Registered and Hardwood Specialists - GripDeck® are proud to be FSC registered. GripDeck® are also able to add our anti slip technology to hardwood decking – not all manufacturers can boast this.

8. Specialist Technical Support - We are able to provide specialist technical support both online, over the phone and in certain circumstances on-site.

9. British Manufacturing at its Best – GripDeck® design and manufacture in the UK, a stone's throw from London. We are proud to be the leading exporter of anti-slip technology in the UK and our innovative products have been featured on the BBC.

GripDeck® Quality & Price Pledge

If you can find the same quality anti slip insert at a better price than a GripDeck® insert, please send us the original quotation and specification. We will compare specifications and if it is considered to be of equal quality, we will match or beat the price.

Our quality and price match will not apply when comparing GripDeck® inserts to lesser quality alternatives using lower grade anti slip aggregates or inferior resins.

GripDeck® Anti Slip Technology 10 Year Warranty

Under normal conditions GripDeck® expect our Anti Slip Technology to remain effective for 10 years or more. Service life is only stated as a general guide and does not extend the GripDeck® Anti Slip Warranty. The GripDeck® 10 Year Warranty covers "failure" of GripDeck® anti slip technology, used in GripDeck® Decking, GripDeck® inserts,

GripDeck® Anti Slip Technology is defined as ... our unique combination of specialist epoxy resin embedded with anti-slip bauxite aggregate (close to the hardness of diamonds) encased in timber decking manufactured to GripDeck's exact specification.

FAILURE is defined as follows:

Excessive wear of the anti-slip aggregate, to below the top surface of the timber in which it has been installed.

- De-bonding of the epoxy resin from timber grooves in which it sits or any de-bonding of the anti-slip aggregate from the epoxy resin.

Failure Exemptions:

- Failure does not include the failure of the timber decking or any materials to which GripDeck® Anti Slip Technology has been fixed.
- Failure does not include any malfunctions caused by incorrect installation carried out by any third party. This includes failure of the adhesive. See installation guides for more information.
- Failure does not include excessive wear to any non-bauxite or dynagrip aggregate. Coloured Quartz Aggregates for example is not covered by this warranty. Please ask for details of other warranties available.

The GripDeck® 10 Year Warranty is subject to the following conditions:

- Where GripDeck® inserts are factory applied and bonded into decking, any decking treatment must be applied AFTER the GripDeck® inserts have been bonded into the grooves for the warranty to apply.
- The warranty is only valid where GripDeck® Anti Slip Technology is used by pedestrian traffic. Vehicular or animal traffic is not covered by the 10 Year Warranty. Use of metal wheel trolleys across GripDeck® Anti Slip Technology will invalidate the warranty.
- No guarantee is offered against impact damage or failure brought on by failing timbers or damage or failure caused by excessive movement of timbers, vandalism, extremely high levels of footfall or poor installation.
- The Service Life of 15 years plus is only a guide under normal conditions and in no way can be used to extend the period of the 10 Year Warranty.

Making a claim

To file a claim under this warranty, you must have registered your purchase with GripDeck UK LLP within 60 days of purchase, to activate your warranty. Once registered, to make your claim please contact the original supplier from whom you purchased your GripDeck® Anti Slip Technology or contact GripDeck® directly. A member of the Warranty Team will evaluate your claim and, if accepted, will devise a practical and satisfactory solution.

GripDeck® repairs or replacements under this warranty must be executed by GripDeck® or an approved GripDeck® agent. Please include your name, address, phone/fax number and e-mail in all correspondence as well as your warranty number. We will respond to all enquiries within 30 working days.

Disclaimer

No other expressed or implied warranties of merchantability or fitness for a particular purpose are made by this warranty except for those expressly provided herein. Under no circumstances shall GripDeck® be liable for any loss or damage arising from the purchase, use or inability to use this product, or for any special, indirect, incidental or consequential damage. Any dispute in relation to this warranty, its interpretation or its execution will fall under the exclusive jurisdiction of the courts of the United Kingdom.