

# Anti-Slip GRP Decking Strip

Anti-Slip GRP Decking Strips provide an immediate, cost-effective way to increase safety in any environment and can be applied directly to wood, metal, concrete and much more. Manufactured from the highest quality fibreglass, to ensure longevity and maximum protection, our design allows for quick and easy installation and can be supplied pre-drilled. Available in two profile sizes, 50mm and 90mm and a range of standard lengths from 1m to 3m and colours, our decking strips can also be cut to bespoke sizes for the perfect fit. Ideal for both wet and dry environments.

Optional screws and adhesive are available to purchase if required.

## Features

- ◆ **Typical applications:** An affordable solution for decking platforms, walkways and bridges and can be used on industrial or construction sites, plus in schools, residential areas, commercial premises and sport and leisure facilities.
- ◆ **Material:** GRP - Glass reinforced polyester with a resin coated gritted surface.
- ◆ **Cleaning:** Using a stiff brush will normally be sufficient to remove everyday dirt and debris. For more stubborn dirt, wash with warm water and a mild detergent, or a pressure washer on a low-pressure setting can also be used.
- ◆ **Warranty:** Lifetime.



Suitable for  
indoor and outdoor use



For more information about this product or, to place an order [click here](#)

Code	Size	Thickness	Weight	Colour
DS0230BE	50mm x 750mm	3mm	0.225kg	Beige
DS0230BL	50mm x 750mm	3mm	0.225kg	Black
DS0230YL	50mm x 750mm	3mm	0.225kg	Yellow
DS0239BE	50mm x 1m	3mm	0.3kg	Beige
DS0239BL	50mm x 1m	3mm	0.3kg	Black
DS0239YL	50mm x 1m	3mm	0.3kg	Yellow

## Our delivery promise

We guarantee your order will be shipped on time, every time.  
That's the Blue Diamond difference.

v7.11.24

## Get in touch

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www.bluediamond.uk.com

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Code	Size	Thickness	Weight	Colour
DS0259BE	50mm x 1.5m	3mm	0.45kg	Beige
DS0259BL	50mm x 1.5m	3mm	0.45kg	Black
DS0259YL	50mm x 1.5m	3mm	0.45kg	Yellow
DS0279BE	50mm x 2m	3mm	0.6kg	Beige
DS0279BL	50mm x 2m	3mm	0.6kg	Black
DS0279YL	50mm x 2m	3mm	0.6kg	Yellow
DS0210BE	50mm x 3m	3mm	0.9kg	Beige
DS0210BL	50mm x 3m	3mm	0.9kg	Black
DS0210YL	50mm x 3m	3mm	0.9kg	Yellow
DS0439BE	90mm x 1m	3mm	0.6kg	Beige
DS0439BL	90mm x 1m	3mm	0.6kg	Black
DS0439YL	90mm x 1m	3mm	0.6kg	Yellow
DS0459BE	90mm x 1.5m	3mm	0.9kg	Beige
DS0459BL	90mm x 1.5m	3mm	0.9kg	Black
DS0459YL	90mm x 1.5m	3mm	0.9kg	Yellow
DS0479BE	90mm x 2m	3mm	1.2kg	Beige
DS0479BL	90mm x 2m	3mm	1.2kg	Black
DS0479YL	90mm x 2m	3mm	1.2kg	Yellow
DS0410BE	90mm x 3m	3mm	1.8kg	Beige
DS0410BL	90mm x 3m	3mm	1.8kg	Black
DS0410YL	90mm x 3m	3mm	1.8kg	Yellow

Please note, cutting tolerance +/- 3mm

# Anti-Slip GRP Decking Strip

## Technical Specification

Slip resistant:	Excellent slip resistance to level 3
Wear resistant:	Excellent wear resistance to level 3, suitable for heavy footfall
Chemical resistant:	Yes
Cut to size:	Yes, tolerance +/- 3mm
Disability friendly:	Yes, the low profile makes it suitable for wheelchair users
Dry area:	Yes
Wet area:	Yes
Oily and greasy area:	Yes
Heavy area:	Yes
Wheeled area:	Yes
Environment:	Suitable for indoor and outdoor use
Flame retardant:	Yes
Impact resistant:	Yes
Non-conductive (Electrical):	Yes
Non-conductive (HV Electrical):	Yes
Product testing:	<ul style="list-style-type: none"> <li>◆ Slip resistance tested to BS7976.2 - PTV 'Extremely Low' for dry conditions, PTV 'Low' for wet and oily and greasy conditions</li> <li>◆ Coefficient of Friction (CoF): Dry 73; Wet 60 and Oil 45</li> <li>◆ Ignitability - Tested to EN ISO 9239-1:2010</li> </ul>
Temperature resistance:	-50°C to +110°C
UV Resistant:	Yes
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# Anti-Slip GRP Decking Strip

## Pendulum Slip Testing

Pendulum slip testing was carried out on 17.02.23 and concluded that our Anti-Slip GRP Decking Strips achieved the highest slip resistant classification of 'Extremely Low' pedestrian slip risk in dry conditions and 'Low' for wet and oily/greasy environments.

Pendulum Test Value (PTV)	Slip Risk
0 - 24	High
25 - 35	Moderate
36 - 64	Low
65+	Extremely Low

Pendulum test results	Coefficient of Friction (CoF)		
	Dry	Wet	Oil
Standard Grit	73	60	45

## GRP Care and Maintenance

### ◆ Cleaning

Being a highly durable material, using a stiff brush will normally be sufficient to remove everyday dirt and debris, and for more stubborn dirt, wash with warm water and a mild detergent. A pressure washer on a low-pressure setting can also be used, however, care should be taken to ensure that this does not harm the integrity of the fixings being used, likely to be screws and/or adhesive.

We recommend always testing any cleaning method and liquids on a small inconspicuous section before applying to the full area. Any spills should be cleaned immediately in line with the product data sheets and the company's own safety procedures.

Please note, yellow strips can become discolored if not cleaned properly. To maintain a clean finish, having a regular cleaning program in place is essential.

### ◆ General Routine Maintenance

The integrity of all fixings should be checked on a regular basis to ensure that the decking strips remain in a firm and stable position. The gritted surfaces and GRP substrate should also be checked regularly, the frequency would depend on the nature and volume of footfall. As a guide, for high traffic areas a monthly inspection would be advisable.

### ◆ Life expectancy

Our Anti-Slip GRP Decking Strips have a design life of 10+ years, however, the life expectancy of any flooring product will be dictated by the nature and volume of the traffic it receives. Factors such as footwear type and material, weight of individual, pedestrian or non-pedestrian traffic, and any contamination such as dirt or grit are all factors that will influence the life term through natural wear and tear of the GRP.

# Anti-Slip GRP Decking Strip

## Installation

### ◆ Handling

Safe handling practices should always be employed. GRP should also be stored face down to prevent damage.

### ◆ Cutting

Minor adjustments, small cut outs, can be made with a hacksaw or a jigsaw with a suitable blade. We offer a full in-house cutting service, however, should you wish to cut the decking strips yourself, this is easily to do by using orbital cutting equipment with either a stone or diamond blade. Cutting should be carried out externally, or where there is dust extraction, or suitable ventilation. Appropriate protective equipment should always be worn.

## Fixing and Preparation

Please refer to our [Installation and Maintenance Guide](#) for further details.

## We're here to help

Should you have any questions about our Anti-Slip GRP Decking Strips, or need advice regarding care, maintenance or installation, we're only a phone call away.

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## GRP Chemical Resistance Chart

Environment	%Conc.	Max.Oper. Temp.F/C.	Environment	%Conc.	Max.Oper. Temp.F/C.
Acetic Acid	50	125/52	Lithium Chloride	SAT	150/66
Aluminum Hydroxide	100	160/71	Magnesium Chloride	ALL	170/77
Ammonium Chloride	ALL	170/77	Magnesium Nitrate	ALL	140/60
Ammonium Bicarbonate	15	125/52	Magnesium Sulfate	ALL	170/77
Ammonium Hydroxide	28	N/R	Mercuric Chloride	100	150/66
Ammonium Sulfate	ALL	170/77	Mercurous Chloride	ALL	140/60
Benzene	ALL	N/R	Nickel Chloride	ALL	170/77
Benzoic Acid	SAT	150/66	Nickel Sulfate	ALL	170/77
Borax	SAT	170/77	Nitric Acid	20	70/21
Calcium Carbonate	ALL	170/77	Oxalic Acid	ALL	75/24
Calcium Nitrate	ALL	180/82	Perchloric Acid	10	N/R
Carbon Tetrachloride	100	N/R	Phosphoric Acid	100	120/49
Chlorine Dry Gas	-	140/60	Potassium Chloride	ALL	170/77
Chlorine Water	SAT	80/27	Potassium Dichromate	ALL	170/77
Chromic Acid	5	70/21	Potassium Sulfate	ALL	170/77
Citric Acid	ALL	170/77	Propylene Glycol	ALL	170/77
Copper Chloride	ALL	170/77	Sodium Acetate	ALL	160/71
Copper Cyanide	ALL	170/77	Sodium Bisulfate	ALL	170/77
Copper Nitrate	ALL	170/77	Sodium Bromide	ALL	170/77
Ethanol	50	75/24	Sodium Cyanide	ALL	170/77
Ethylene Glycol	100	90/32	Sodium Hydroxide	N/R	N/R
Ferrous Chloride	ALL	170/77	Sodium Nitrate	ALL	170/77
Formaldehyde	50	75/24	Sodium Sulfate	ALL	170/77
Glucose	100	170/77	Stannic Chloride	ALL	160/71
Gasoline	100	80/27	Sulfuric Acid	25	75/24
Glycerin	100	150/66	Tartaric Acid	ALL	170/77
Hydrobromic Acid	50	120/49	Vinegar	100	170/77
Hydrochloric Acid	37	75/24	Water Distilled	100	170/77
Hydrogen Peroxide	5	100/38	Zinc Nitrate	ALL	170/77
Lactic Acid	ALL	170/77	Zinc Sulfate	ALL	170/77