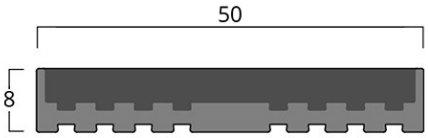
# Product Data Sheet– MIS50

## Description:

MIS50 50mm Carborundum Anti-Slip Insert Strips are ideal for delineation of step edges, by creating a visual contrast to the surrounding subfloor, minimising the chance of accidents in many settings.

MIS50 anti-slip inserts are manufactured from a UV stable rigid PVC Carrier filled with our CarbiGrip Carborundum anti-slip infill. CarbiGrip consists of Aluminium Oxide; otherwise known as Corundum, the second hardest mineral on the MOHS scale to industrial diamond; combined with other coloured aggregates set in cured resin. The Resin binds the aggregates directly into the PVC Carrier resulting in an integral anti-slip infill which is impervious to water ingress. The natural hardness of the aluminium oxide, coupled with its naturally angular shape, creates a slip resistant surface which is extremely durable. And the inclusion of aluminium oxide through the whole infill creates an incredibly durable anti-slip surface which will far outlast any standard PVC/composite insert Strip or gritted insert products with only a surface coated layer such as GRP.

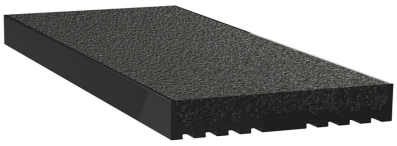



## Suitable for use:

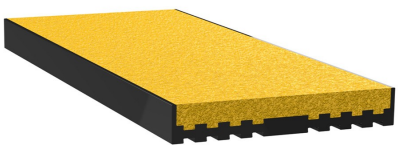
- For internal and external applications
- On heavily trafficked steps and stairs
- Suitable for use in public access areas
- Designed for installation into a pre-cut/cast rebate or cast in situ applications.

## Principal features/benefits of use:

- Highly slip resistant
- Extremely durable
- Manufactured in the UK
- Creates aesthetically pleasing step edge anti-slip and visual contrast without the need for aluminium stair nosings.



MIS50 - Obsidian



MIS50 - Amber




For the best results, apply this product with our MT290 adhesive.




This product is covered by our multitread® 10 years warranty.




Samples of this product are available upon request from our sales office.

# Product Data Sheet– MIS50

## carbigrip® Insert

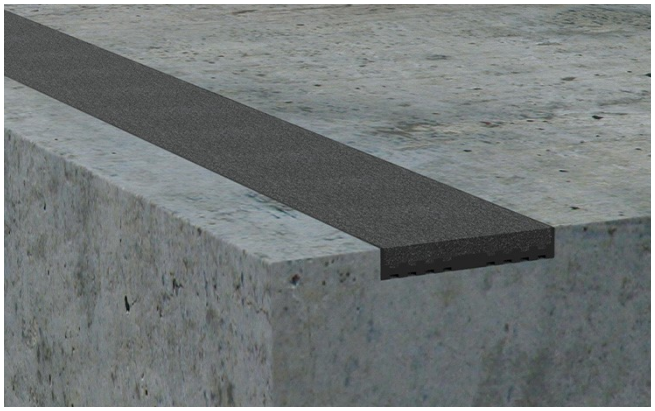
Carbigrip® carborundum infill consists of Aluminium Oxide, otherwise known as Corundum, combined with other coloured aggregates set in cured resin. The natural hardness of the aluminium oxide, coupled with its naturally angular shape, creates a slip resistant surface which is extremely durable. For interior and exterior use.

MIS50 has dimensions of 50mm wide x 8mm deep and is available in standard lengths in Black, which can be easily cut to size on site with a diamond blade.

Bespoke lengths also available up to 2000mm in a variety of colours including: Obsidian, Graphite, Pebble, Portland Stone, Chalk, Amber, Hazelnut, Chestnut, Speckled Obsidian, Speckled Graphite, Speckled Pebble and Italian Marble

**SRV**: +90 Dry, +80 Wet (Tested using Pendulum Slip Test)

- Obsidian - 1.74 LRV
- Graphite - 4.44 LRV
- Pebble - 7.17 LRV
- Chalk - 40.18 LRV
- Chestnut - 6.54 LRV
- Amber - 31.68 LRV
- Hazelnut - 9.13 LRV
- Portland Stone– 31.61 LRV
- Italian Marble - 32.74 LRV
- Speckled Pebble - 9.52 LRV
- Speckled Graphite - 4.35 LRV
- Speckled Obsidian - 1.44 LRV



Designed for installation into a pre-cut/cast rebate or cast in situ applications, MIS50 is suitable for use in a variety of different subfloors including: concrete, stone, marble, terrazzo, ceramic and timber. A key benefit of these strips is their installation process, where instead of a large aluminium nosing they are bonded directly into the step tread using an adhesive. This allows them to be fitted on treads and risers alike and allows for a variety of configurations depending on your project.

# Product Data Sheet– MIS50

## PVC Carrier:

Black Rigid PVC UV resistant Carrier channel

## Strip Infill:

Our unique heavy duty Carborundum Carbigrip®  mixture - a composite of various grits, including Aluminium Oxide, set in cured epoxy.

## Slip Resistance:

Assessed against UK Slip Resistance Group guidelines for the potential of slipping for people on a flooring material Tested using the Pendulum /4S method - Result: low potential for slip in dry and wet conditions.

## Standard Supply:

Manufactured to bespoke lengths, with some black stock lengths held for quick delivery

## Maintenance:

To ensure effective slip-resistance and optimum step edge definition is maintained, remove accumulative dirt and grease from the walking surface at regular intervals. Cleaning should be by gentle scrubbing with a solution of proprietary floor detergent and warm water. The aluminium may be buffed using a fine grade steel work.

## Installation Guidelines:

MIS50 should be installed into preformed channels or material can be removed from the substrate in order to create a channel for the insert to be installed into. The strips can vary slightly in size between batches so we always recommend asking for samples to help create your groove/channel for installation of the strip, we would also recommend additional depth is allowed for in the channel to allow room for adhesive. For both internal and external installation, we recommend an MS polymer high tack cartridge applied adhesive. We also recommend weights are placed on the strips to ensure it stays pressed fully into the channel until the adhesive has fully cured. Always allow sufficient time for the adhesive to fully cure before allowing foot traffic. All adhesive should be applied as per the manufacturers instructions.

## Adhesive Fixing:

1. The surface or groove, to which insert will be applied, should be clean, dry, and free from dust and loose particles and any contaminants.
2. Apply cartridge applied adhesive to the underside of the insert, a sufficient amount should be used to ensure full coverage.
3. Place the insert into the channel in your substrate and apply pressure to ensure full adhesive transfer and to remove any air pockets.

## Warranty:

MIS50 is warrantied against premature wear for a period of 10 years, subject to terms and conditions. please ask to see our full performance warranty information.

The information contained on this data sheet is current at the time of printing. Due to continuing development in machinery and materials, we reserve the right to modify the formulation without notice. The above information is given as a guide to the uses of multitread® it is the responsibility of the user to ensue the suitability for specific applications. All recommendations statements and technical data contained herein are based on tests we believe to be accurate and reliable, but accuracy and completeness of such tests are not guaranteed and are not to be construed as a warranty, either express or implied. The user shall rely on their own information and tests in determining suitability of the product for the intended use and assumes all risks and liability from their use of the product. Sellers and manufacturers sole responsibility shall be to replace that portion of this manufacture which proves to be defective. Neither seller nor manufacturer shall be liable to the buyer or any third party for any injury, loss or damage directly or indirectly resulting from the use of the product. Recommendations or statements other than contained in a written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller.