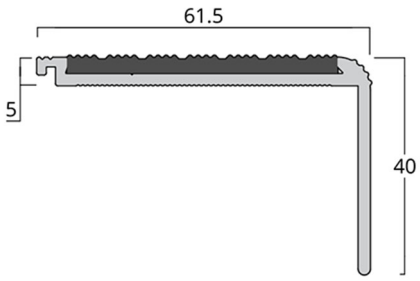
# Product Data Sheet– MS1

## Description:

MS1 Comprises of a high tensile strength aluminium extrusion and can be fitted to any sound substrate. MS1 is part of our modular nosing range and can be combined with our other profiles to create a simple nosing or a full tread cover.

Our Range of 5mm Gauge Aluminium Stair Edgings are available with a choice of insert option; which include our Ridged PVC, Ridged Aluminium, and CarbiGrip Carborundum Infill; meaning we have an insert suitable for most foot traffic levels and internal and external environments.

MS1 can be ordered online cut to bespoke lengths up to 2750mm or can be supplied in stock sizes and easily cut to fit on site.




## Suitable for use:

- On all stairs/landing substrates
- For internal and external applications
- On heavily trafficked steps and stairs
- On all stairs/landing substrates
- For use with carpet installations

## Principal features/benefits of use:

- Can be affixed to all sound surfaces
- Highly durable
- Range of inserts available
- Manufactured in the UK
- Modular over-lock system



MS1—Satin Brushed



MS1—Black Anodised




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– MS1

## Aluminium Nosing Finishes

Mill finish aluminium refers to the natural surface of the metal as it comes directly. Satin brushed is achieved by using abrasive materials to create a uniform texture. Anodising is an electrochemical process that transforms the surface of an aluminium part into a durable and corrosion-resistant anodic oxide layer.

- Mill - 88.10 LRV
- Anodised Black - 1.92 LRV
- Satin - 83.27 LRV

## 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

**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

## Ridged PVC Insert

Ridged PVC insert consists of a compound PVC—for interior and exterior use

**SRV**: 54 Dry, 41 Wet (Tested using Pendulum Slip Test)

- Carbon - 2.85LRV
- Storm - 16.82 LRV
- Fog - 31.66 LRV
- Frost - 63.84 LRV
- Snow - 78.40 LRV
- Canary - 58.43 LRV

## Ridged Aluminium Insert

Ridged Aluminium Insert consists of extruded aluminium—for interior use

**SRV**: 71 Dry, 37 Wet (Tested using Pendulum Slip Test)

- Mill - 69.92 LRV
- Anodised Black - 1.11 LRV
- Satin Brushed - 51.99 LRV

# Product Data Sheet– MS1

## Material - Aluminium profile:

Extruded aluminium alloy (6063) hardened to T6

## Material - Inserts:

**CarbiGrip** - A composite of various grits, including Aluminium Oxide, set in a cured epoxy resin.

**Ridged PVC** - A castellated look with greater slip resistance for wet conditions. While being non-abrasive it still possesses high levels of CoF (coefficient of friction). The Ridged surface offers a good non abrasive alternative to traditional gritted anti -slip surfaces and can be easily cleaned and mopped while not shedding any grit.

**Ridged Aluminium** (AL-MNI) - A ridged aluminium insert for the appearance of a solid metal nosing but with hidden fixings.

## Compatible Profiles:

MS1 can be combined with our MSE Tread Extender and/or our MSF Ramp Edge to create a nosing or tread cover to meet your requirements, contact us for more details and for help choosing your configuration.

Our modular 5mm range: MS1, MS1R, MS4, MS5, MS5R, MSE and MHF

## Maximum single length:

2750mm

## Dimensions

Gauge: 5mm

Tread: 61.5mm

Nose: 40mm

## 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 and available Pre-drilled upon request. Standard fixings can also be supplied on request.

## 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:

The application surface must be reasonably sound and level prior to installation. Stainless fixings are recommended for fixing MS1 in all applications. In addition, a bedding mastic/adhesive is recommended to remove any potential for 'rattle'. Where screw fixing is not possible adhesive only fixing is possible. Prepare the adhesive as instructed by the manufacturer, then coat the back of the tread/ nosing and position on to the step. Apply even weights along the piece and leave undisturbed until the adhesive has fully cured.

## Warranty:

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.