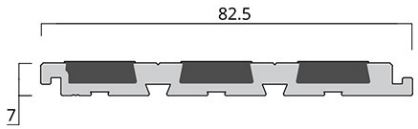
Product Data Sheet– MHE

Description:

Our MHE profile features three CarbiGrip infills each approximately 15mm wide, and is part of the modular range designed to lock together easily with our other profiles, or it can be used alone with your floor covering material butted over the back interlock. Pair MHE with our MH5/MH5R to create an effective heavy duty full tread cover that is Building regulations Document M compliant or with MH1/MH1R and MHF to create a high visibility nosing and partial tread cover. For help with modular combinations please see images or contact us today to discuss your requirements.

MHE is available in two finishes of aluminium, standard mill finish or a lightly brushed Satin finish, and can be supplied pre-drilled for fixing upon request (fixings sold separately).

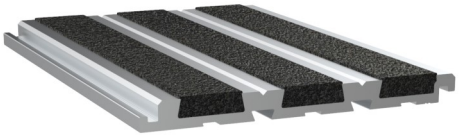


Suitable for use:

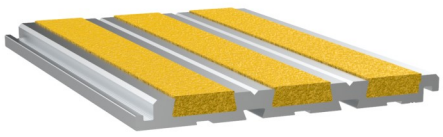
- On all stairs/landing substrates
- For internal and external applications
- In all environments - dry, wet, greasy
- On heavily trafficked steps and stairs
- In all pedestrian areas

Principal features/benefits of use:

- Can be affixed to all sound surfaces
- Highly durable
- Variety of infilling options
- Low maintenance
- Highly slip resistant



MHE—Obsidian CarbiGrip®



MHE—Amber CarbiGrip®



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– MHE

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

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

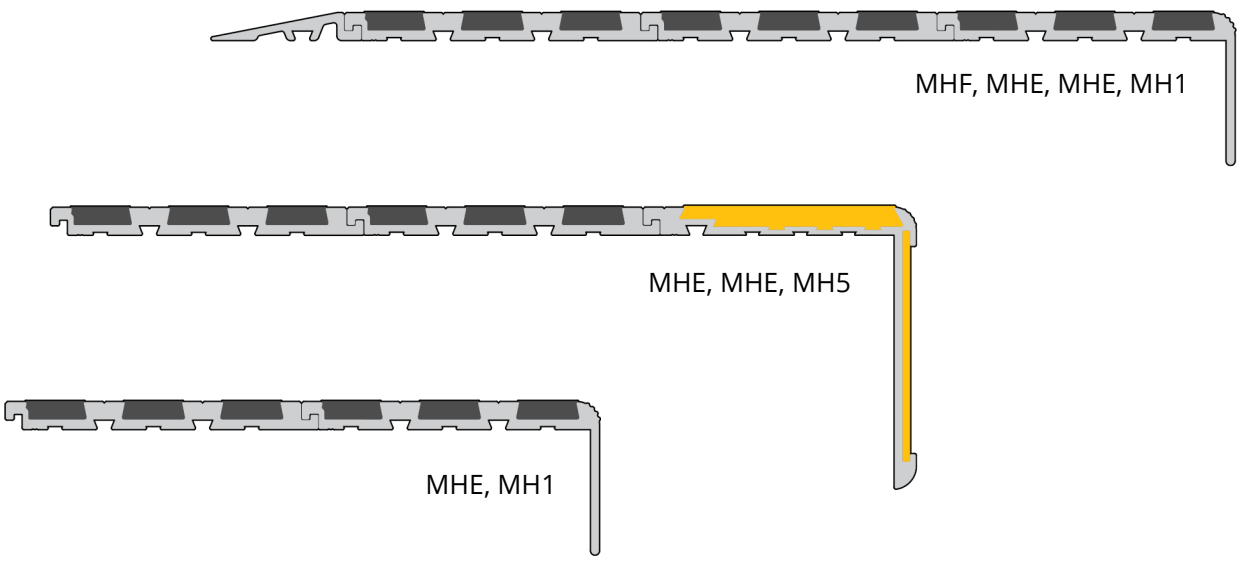
Portland Stone– 31.61 LRV

Italian Marble - 32.74 LRV

Speckled Pebble - 9.52 LRV

Speckled Graphite - 4.35 LRV

Speckled Obsidian - 1.44 LRV



Product Data Sheet– MHE

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.

Compatible Profiles:
MHE can be combined with our MH5/MH5R, MH1/MH1R and/or MHF nosing profiles to create a nosing or tread cover to meet your requirements, contact us for more details and for help choosing your configuration.

Maximum single length:
2750mm

Dimensions
Gauge: 7mm

Tread: 82.5mm

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 MHE 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:
MHE 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.