

treadmaster
flooring



RAIL



HIGHLY SPECIALISED TRANSPORT FLOORING

Market leaders in high specification rubber safety flooring and associated products for Rolling Stock

Introduction

Introduction

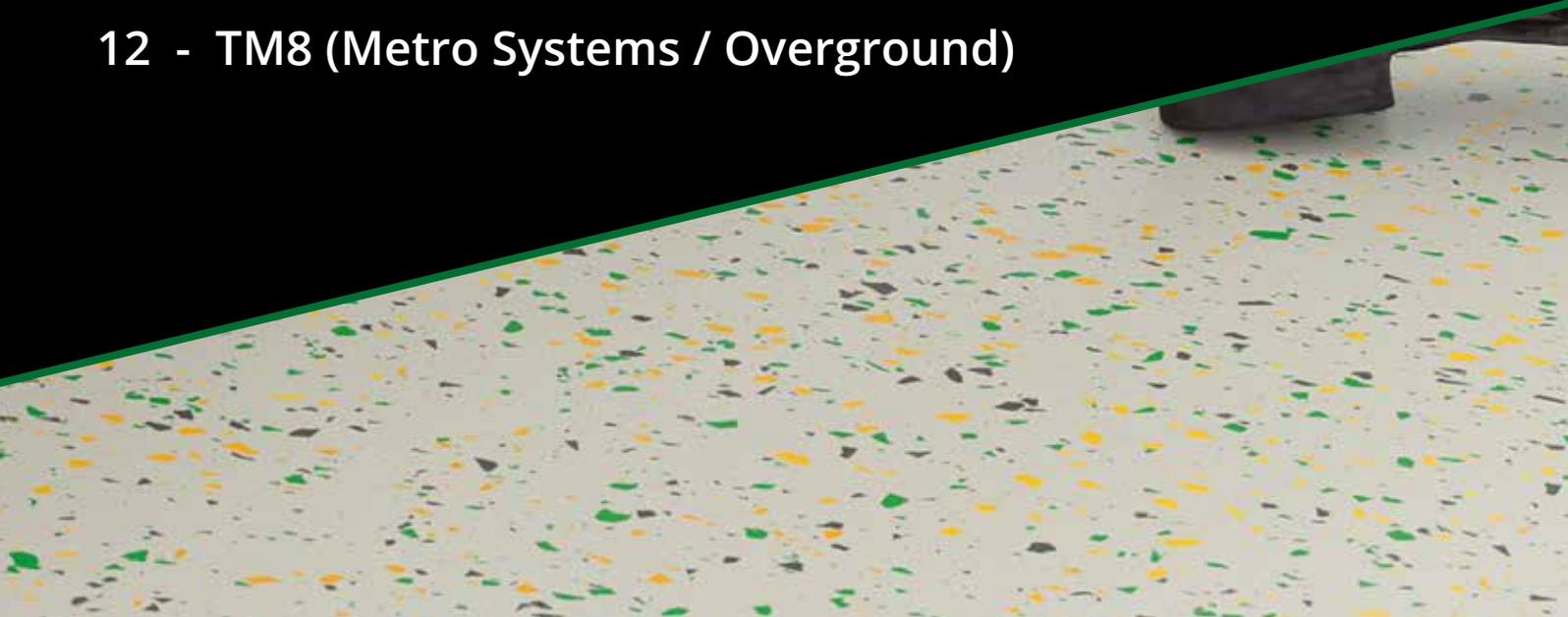
Treadmaster Flooring is a world class, highly fire resistant, highly wear resistant rubber floor designed to withstand industrial level foot and luggage traffic. It has the highest fire retardance of any rubber flooring worldwide and complies with the highest of safety specifications in terms of toxicity, flame spread and smoke density.

The Treadmaster brand belongs to Tiflex Ltd, a specialist manufacturer of cork and rubber products manufactured in their state-of-the-art factory in Cornwall, UK. The rail sector is our largest market for Treadmaster Flooring and it has been installed on many thousands of train floors over several decades with floors in some carriages over 40 years old and still in operation today.

Our floors have great green credentials having no hazardous substances used in the production and we even recycle trimmed waste material back into the finished product, ECO fill. All our products are manufactured to the most stringent of British and ISO standards.

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Treadmaster Flooring Overview

WORLD CLASS FIRE SAFETY:

- Highest level of Fire retardant available in rubber flooring
- Very low smoke and toxic emissions
- Compliant to all international fire safety flooring requirements (Rolling stock)
- Including; BS6853 Cat 1a & EN45545 - Hazard Level 3

INDUSTRIAL WEAR RESISTANCE

- 2.5 to 5.5mm thickness available
- Extremely hard wearing, even in the highest trafficked areas
- Fully homogenous with a through-body construction
- Repairable throughout the life of the product

CLEAN & GREEN

- No hazardous substances used in production (Such as phthalates as used in PVC)
- Waste material used in construction (ECO fill)
- Manufactured to BS/ISO Standards



TM7 (Underground / Sleeper Trains)



TM8 (Metro Systems / Overground)

Other Features

TAILORED MANUFACTURING

- Flat sheets or rolls to your own specification *
- Material can be cut to shape and size as specified
- Textured and technical finishes
- Small MOQ so easy to design in different colours/finishes
- Pictograms (Co-Vulcanised)
- Bespoke options e.g. molded covings
- Base and speckles can be made to almost any RAL/NCS colour reference
- Choice of bonding options including; Epoxy and Sprayable contact adhesives or PSA

HISTORY & HERITAGE

- Suppling London Underground since the 1980s
- Metro systems worldwide
- Working with major Train builders for decades
- All flooring in manufactured at our factory in Cornwall, England



Treadmaster specific 2 Part Epoxy Adhesive



Cold Welding



Sprayable Contact Adhesive



Tailoring Options



Molded External Coving



3mm Pressure sensitive Adhesive Transfer Tape

TM7



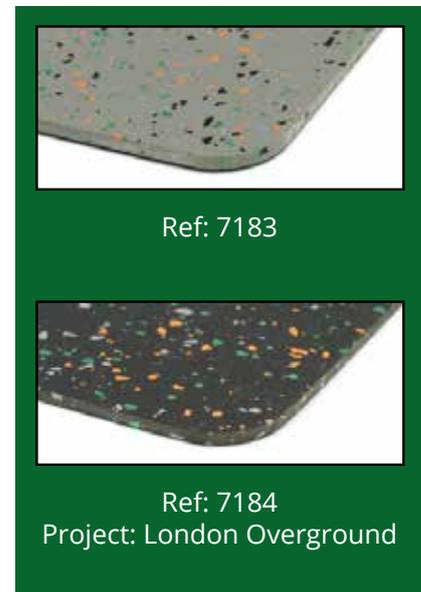
TM7

TM7 is Treadmaster's highest rated fire-retardant flooring and complies with the most demanding of fire safety standards, including the British Standard (BS6853 Cat 1a) and the European classification EN45545 2 - (HL3) and most standards around the world. In fact, it was originally developed following the disastrous fire at London's Kings Cross Tube Station in 1987 and the resulting search for safer products and so it was actually designed specifically with fire safety in mind.

Additionally, it has an extremely high level of wear resistance in high traffic areas and, due to its through-body construction, can be maintained to a high level of aesthetic for many years - it is even possible to repair light damage. We simply believe it to be the best train floor on the market today.

Made to order in our UK factory and specifically to our customers' requirements, TM7 can be tailor-made to suit most layouts or supplied as rolls for the customer to cut to size on site. Main variants and options are available to make the product perfect for the individual project including dimensions, colour and finish. Our Minimum order quantity is only 80 mts², allowing for more than one bespoke colour way on a project, even a small one.

Selected Colour References



Standard roll size - 11500 x 1200 x 2.5mm - Fully tailored service available

- Up to 11500mm length
- Up to 1850mm width
- Up to 5.5mm thick
- Almost any RAL/NCS colour reference
- Flat sheets/Tiles
- Textured and technical surface finishes
- Pictograms/Mouldings/Apertures
- Cut to shape

TM7

TM7 Project

Crossrail - London

Expected to serve around 200 million people each year, the demand for anti-slip flooring is great on Crossrail's Elizabeth Line. Working with Bombardier and TFL, Treadmaster Flooring have supplied 69 x 9 car train sets with TM7 7120 and TM7 7121 which are 6mm in width with a speckled finish. The colours chosen reflect the interior of the Elizabeth Line and showcases our ability to provide personalised colour flooring that falls within RAL and NCS colours.





TM8



TM8

TM8 had been developed for areas with less stringent requirements in terms of fire safety standards, and comfortably complies with the British Standard (BS6853 Cat 1b) and the European classification EN45545 2 - (HL3). We would always advocate the use of the best safety materials available but we do but recognise that not all trains require such a high standard of fire safety.

TM8 still gives a very high performance in terms of fire safety and wear resistance and can equally be supplied in the many variants as with TM7. TM8 is also made in our UK factory.

Selected Colour References



Standard roll size - 11500 x 1200 x 2.5mm

- Up to 11500mm length
- Up to 1850mm width
- Up to 5.5mm thick
- Almost any RAL/NCS colour reference
- Flat sheets/Tiles
- Textured and technical surface finishes
- Pictograms/Mouldings/Apertures
- Cut to shape

TM8

TM8 Project

Waratah Series 2 - Sydney

The NSW Government ordered a fleet of 41 new eight-car Waratah Series 2 suburban trains as part of the More Trains, More Services program. The project was awarded to Downer EDI in Australia who commissioned CRRC Changchun Railway Vehicles in China to manufacture the trains.





treadmaster

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