

Treadmaster Flooring

World Class Heritage



Tiflex Ltd, a leading rubber and cork manufacturer in the UK, has been supplying its Treadmaster Flooring to the transit industry since 1951.

The Treadmaster TM7 range was initially developed for the London Underground following the King's Cross Disaster in 1987 and the resulting demand to find the safest materials for their rolling stock.

Treadmaster Flooring has featured on many major metro trains around the world including the

Busan Metro in South Korea, SMRT trains on the Singapore Metro, Klang Valley MRT trains in Malaysia, Waratah Trains in Australia and of course many lines of the London Underground including the brand-new Elizabeth line trains. Treadmaster Flooring has undergone much development following decades of real-world experience and feedback and remains a market leader in many key areas.

Fire Safety

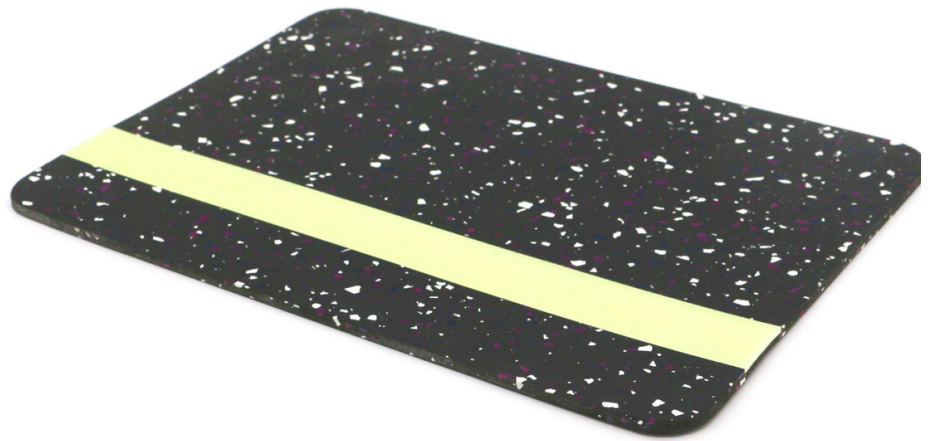
Treadmaster is a world leader in terms of fire safety with exceptional

results in smoke density, toxicity and flame spread test results. Arguably the best in the world, Treadmaster will comply with all of the main world standards including the British Standard BS6853 Cat 1a, and the European Norm EN45545 HL-3. It has even been used to assist sub-floor materials like carpet to conform to fire safety specifications as part of a flooring system where we developed a fire-resistant underlay to act as a protective barrier.

Wear Resistance

Tiflex's specialist range of transport

flooring and associated products are designed to excel in high-traffic public transportation systems in all climates and environments. Extensively used on rolling stock where easy to clean, hard wearing flooring is required, especially on metro and overnight trains where the highest regard is given to fire safety. Boasting unrivalled wear resistance, the flooring is repairable and can be renovated even after decades of use due to the full body homogenous construction.



Lifecycle Costs and Sustainability

As well as being incredibly robust, the finish is consistent throughout the body of the flooring, this means that properly maintained it can last for decades keeping its original appearance, potentially even for the design life of most vehicles, dramatically reducing lifecycle costs and the impact on the environment. So, it's possible that the same flooring manufactured specifically for a particular train can perform adequately for the whole life of that train with no need to remove, make good or replace with new flooring. This forms part of Tiflex's strategy to find ways to repair, reuse and repurpose its products to reduce their impact on the environment.

Tailormade

Treadmaster products can be supplied in large rolls and basic formats to provide options for local content-based fabrication. This can move parts of the manufacturing, installation process to where the trains are been built or renovated, employing local people and

providing revenue to the local economy. Tiflex is able to provide instruction and training to support these initiatives.

Equally, Tiflex can offer a complete service, supplying fully tailored parts, manufactured to the exact specification of the technical design saving time and money with regard to installation of the flooring. On a recent project our service at a cost of £90,000 was calculated to save nearly four times that in time and resources.

Tiflex can produce moulded coving parts to match the floors and provide protection against water ingress as well as pictograms, passive lighting and routed finishes for vestibules. With a strikingly low MOQ Tiflex can make a completely bespoke colourway for the smallest of projects or allow for several corresponding colourways on a single project.

Tiflex has worked with a number of specialist sub-floor manufacturers around the world to provide a complete flooring system that can easily be fitted to the train. We work with fire resistant phenolic

composite board, honeycombed aluminium, aluminium cork sandwich and even wood. We hope to develop this concept further in order to provide a flooring system that is easy to install, easy to repair and can potentially last the full life of the train. Savings to the LCCs as well as sustainability gains are just some of the benefits.

More than just a flooring supplier, Tiflex can work with designers and engineers to develop a bespoke product for each specific train. We can help with initial installation to ensure a perfect fit and offer help and advice with long term maintenance to keep the floor performing at its best.

Come and visit us at InnoTrans **Stand 820 Hall 3.1** or contact our UK office for more information.

treadmaster
flooring

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TICO

TRACKELAST



TREADMASTER

Nebar

A division of
Tiflex



HIGHLY SPECIALISED TRANSPORT FLOORING

- Full-body homogenous construction allows for repairs & renovation
- World Class Fire resistance; flame spread, toxicity & smoke density
- Extremely durable even lasting the full life of the train
- Savings in LCC costs and impact to the environment
- Non toxic and PVC free



Come see us
Hall 3.1
Stand 820