



Global References Transportation

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Transportation



Wuppertal Suspension Railway, Germany

A cult train with a cult floor

The Wuppertaler Schwebebahn is the oldest suspension railway in the world and is the landmark of the city of Wuppertal in mid-western Germany. It has been gliding through the lofty heights over the metropolis for over 100 years. Passengers can still enjoy an impressive view of the streets and the river Wupper on special outings of the Emperor's Carriage, which dates back to 1900. The entire supporting frame was replaced a few years ago and almost all the stations and rails were renovated. This was followed by a new, state-of-the-art fleet of vehicles. The coloured rubber floors in the cars are a real eyecatcher and were produced by nora systems. The colours are perfectly coordinated with the interior design and give the trains a fresh, contemporary look.

Installation site: Wuppertal Suspension Railway, Germany

Designer: büro+staubach GmbH Berlin, Germany

Product: noraplan® sentica, 4,190 m²

Installed: 2016

Photos: © Dirk Wilhelmy





Installation site: Qinghai Tibet Railway, China

Client: Bombardier Sifang (Qingdao) Transportation Ltd. (BST)

Product: noraplan® plus mobil

Installed: 2002 - 2008

Photos: © nora

Qinghai Tibet Railway, China

Rubber flooring on top of the world

China has a never-ending track record of world bests and overachieving. It is home not only to the fastest trains in the world, but also the highest railway line. The famous Qinghai-Tibet Railway operates over around 2000 kilometres at an altitude of up to 5100 metres above sea level. nora rubber floor coverings were chosen because the carriage furnishings had to meet high design and safety standards. These furnishings not only look elegant; they are also extremely durable, easy to clean and comply with the relevant fire protection regulations.





Mardi Gras, cruise liner

Sturdy flooring in heavy seas

The Mardi Gras is not only the latest addition to the Carnival Cruise Lines fleet; it is also the largest ship in its fleet to date. With a capacity of around 5200 passengers and a wide range of on-board activities, this cruise liner is a literal flagship. It was completed in Turku, Finland in 2020 and its engine rooms are fitted with norament 920. This rubber floor covering is one-coloured, extremely fire-resistant, free of PVC, other halogenated polymers and phthalate plasticizers with classic round pastilles and a smooth, sanded underside for dealing with very high stress. norament 920 is largely oil- and grease-resistant, and its functioning and aesthetic remain unimpaired even under extreme stress.

Installation site: Mardi Gras, cruise liner
Client: Carnival Cruise Line
Product: norament® 920
Installed: 2020
Photos: © Kari Palsila





Metro São Paulo, Brazil

Versatility for demanding railway projects

The six lines of the São Paulo metro system form one of Latin America's most extensive rail networks. The trains operate on a route of 104.4 kilometres and serve 91 stations. The metro system carries about 5.3 million passengers daily. The resistant surface of the nora flooring installed on Line 4 has withstood the crowds for several years. Optimal fire protection properties and the non-slip rubber surface also ensure a safe environment.



Installation site: Metro São Paulo, Brazil
Client: ViaQuatro consortium
Product: noraplan® stone mobil, 5,356 m²
Installed: 2009
Photos: © Digna Imagem/Clóvis Ferreira





TriMet, Portland, USA

TriMet, Portland, USA

TriMet is a public transport company that operates local passenger transport throughout most of the city of Portland in the US state of Oregon. Buses and trams connect people to their community and help ease traffic congestion. With more than one million people expected to live in the region by 2035, public transport plays an important role in maintaining the quality of life for residents in the Portland metropolitan area. Non-slip floors have been installed in some trams to provide safety and orientation for passengers. Integrated inlays in the form of symbols and signage elements provide passengers with information such as where to park bicycles and wheelchairs.



Installation site: TriMet, Portland, USA
Product: norament® 926 grano, 1,672 m²
Installed: 2011
Photos: © Jack Lever



Full speed ahead for China's trains

China's extensive railways are essential for the country's intercity and local mobility infrastructure, and it has some top-class rail networks. The excellent properties of nora rubber floors, which include fire protection, ergonomics, and durability, have led them to be installed in several trains in Chinese cities.

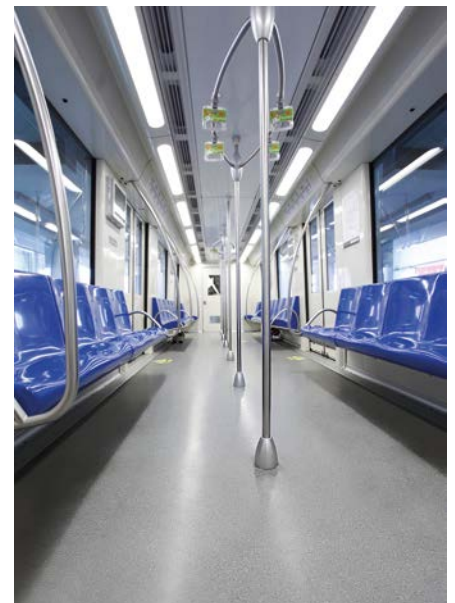


Shanghai Metro Line 4

Product: noraplan® plus, 10,000 m²

Installed: 2004

Photos: © nora



Shanghai Metro Line 5

Product: noraplan® plus, 3,000 m²

Installed: 2002

Photos: © nora



Shanghai Metro Line 12

Product: noraplan® signa mobil, noraplan® signa, 25,547 m²

Installed: 2018

Photos: © nora



Wuhan Metro Line 4

Product: noraplan® signa, 1,723 m²

Installed: 2014

Photos: © nora

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