

Introducing **SignaRoad** by Spencer Quantum

Temporary roadways and ground protection



Spencer Quantum has been providing specialist geotechnical, site and land services to local authorities and blue-chip clients in the highways, construction, environmental and utilities sectors for over 30 years. Formed through the merger of Spencer Environmental Care Associates and Quantum Geotechnic, Spencer Quantum offers a wide range of in-house complementary solutions across several sectors, providing clients with a bespoke and efficient service.

SignaRoad by Spencer Quantum is a highly efficient trackway system. Designed to create effective temporary roadways, high-volume pedestrian walkways and stable and durable floor areas, SignaRoad offers a series of features that makes it a perfect choice for a wide range of applications. Manufactured from 100% virgin high-density polyethylene (HDPE) composite material, SignaRoad mats are strong enough to withstand considerable loads and high volumes of traffic while being light enough for easy and efficient handling and transportation.

SignaRoad mats' unique overlapping flange design means the surface stays drier, is more debris-free and, consequently, is easier to keep clean and can be reused. In addition, to ensure the highest levels of biosecurity and to reduce the possibility of transmitting animal- and plant-

The benefits of SignaRoad

- 1** Installation and recovery up to three times faster than for other brands
- 2** High levels of biosecurity, with cleaning carried out on-site
- 3** Strong and durable HDPE construction
- 4** Ideal for light to heavy-duty applications
- 5** Market-leading and efficient connection system
- 6** Easy to clean
- 7** Lightweight for ease of handling

based diseases, the mats are cleaned before they leave the site.

The mats can be installed with minimal ground preparation over grass, gravel, sand, soil, concrete, asphalt, ice, snow and mud. They can also be used to create a sturdy and uniform area to improve working conditions and to reduce the risks that are associated with working on unstable surfaces. Owing to the ease in which the mats are assembled and dismantled using a market-leading, single-pin connection system with no bolts and screws, installation and recovery are up to three times faster than for other brands on the market.



Temporary roadways



Footpaths and accessways



Industrial matting



Film, TV and event flooring



Working platforms



Crane mats

Quality in construction

Manufactured from top-quality virgin HDPE non-conductive composite and tested against leading products in the market, the SignaRoad system is ranked number one for strength, durability and traction. Using the very best materials ensures that these premium long-lasting mats have a lifespan of up to 15 years and can be used on uneven surfaces and challenging terrain, in any climate, for loads of up to 400 psi.

Quality in design

Providing additional strength and rigidity to the entire system, SignaRoad's unique overlapping flange and solid perimeter design restricts mud, debris and fluid from encroaching onto the top of the mat, keeping the surface drier and cleaner for longer.

Market-leading connection system

Quick and simple to install, the SignaRoad connection system features the strongest composite pin on the market. The one-part design with no bolts or screws speeds up installation and removal.

Efficiency and economy

SignaRoad's lightweight design means easier handling, lower transport and installation costs and no need for expensive equipment to move the mats around the site, creating further cost savings. In addition to protecting the ground surface, the mats help prevent damage to vehicles and equipment caused by unstable conditions. They are environmentally sustainable, and Spencer Quantum's cleaning policy helps to eliminate cross-contamination.

Specifications

Mat dimensions:	2.08 m (L) x 3 m (W) x 6.35 cm (D)
Useable platform:	1.88 m (L) x 2.84 m (W) x 6.35 cm (D)
Useable roadway:	1.88 m (L) x 3 m (W) x 6.35 cm (D)
Weight per mat:	219 kg
Loading:	280 t/m ²
Transportation:	90 mats per container or wagon and drag / 118 mats per flatbed UK or European lorry



Use SignaRoad in multiple applications



Roadways



Heavy haul



Accessways



Construction



Extreme weather and climates



Special events



Oil and gas



Ground protection



Transmission and distribution



Muddy and soft soil



Unstable and uneven ground

For expert advice, further information and prices, please contact us.

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