

Foot Bridges - Anti Slip Flexible Sheeting

Location	Midlands
Area	165m ²
Date	Autumn 2016
Products	CentreCoat Anti-Slip Flexible Sheeting
Requirements	A quick return to service anti slip coating for a pedestrian footbridge. Needed to be low cost and easy to apply and maintain.

PRODUCTS

CentreCoat
Anti-Slip
Flexible
Sheeting



Promain was recently approached by a local authority seeking a solution to a difficult and challenging project. The project in question regarded a steel construction foot bridge that required an anti-slip surface coating. Members of the public were slipping on the surface when it became wet and the local authority highways department was concerned this may lead to people sustaining injuries as result of slips and falls.

What made this particular project challenging was that the foot bridge could not be closed. It was situated on a main pedestrian route and the only point to cross a river for some considerable distance. In the past the local authority would generally specify an anti-slip paint coating for such project, however an application of anti-slip paint would take up to 3 days to prepare and coat the surface and then required a further 3 days to cure before foot traffic could be allowed onto the bridge. The foot bridge in question could only be closed for a matter of hours due to its crucial location and constant use. This limited time frame ruled out the use of an anti-slip paint coating, so the local authority contacted Promain and set us the task of specifying a fast return to service anti-slip coating for a metal surface.



Promain's solution to this challenging project was to specify our Centrecoat Anti-Slip Flexible Sheeting. This anti-slip product is based on a thermoplastic design that incorporates an anti-slip aggregate and meets the

British Standard for slip resistance values. Once installed it has the natural appearance of a gravel coated surface, similar to what you would achieve with a resin bonded surface.

The Flexible Sheeting is also incredibly quick and easy to install and once installed the surface can be returned to service within minutes. Another great advantage is the sheeting's flexibility which allows the product to move and flex with the structures natural movement, making it inherently resistant to cracking and splitting.

The local authority highways department requested that our representative Mark visit and present the Centrecoat Anti-Slip Flexible Sheeting to their team. Mark visited the highways department team the same week, taking with him a sample of the product in order to demonstrate the advantages it presented over traditional coatings.



Whilst there, Mark ran them firstly through the whole installation process. He covered surface preparation which would consist of firstly cleaning the floor preferable by high pressure jet washing, ensuring it is free from dirt, loose particles or in areas of contamination. Mark then covered the ease and simplicity of the installation process. The total install process consisted of 3 steps following the surface preparation.

The first step is to warm the surface, which is done by applying heat using a thermoplastic flame lance that ensures the surface is dry and at the correct temperature for application.

The second step is to apply the aerosol tack coat to aid adhesion and to then lay out and position the sheeting. The third and final step is to apply an even and consistent heat to the sheeting. This allows the sheeting to slightly melt and bond to the surface. Once sufficiently heated and bonded the surface could be returned to service after just 10 minutes.

In total the whole installation from start to finish could be completed in just a few hours, compared to the 3-5 days of downtime required for traditional liquid applied anti-slip coatings. This posed a major advantage and it would translate in to considerably less downtime and reduced labour costs.

Following Mark's comprehensive presentation, the local authority felt confident that the Centrecoat Anti-Slip sheeting presented by Promain was the solution for the foot bridge. In the weeks following, the sheeting was successfully installed on the foot bridge, with minimum downtime and disruption to the public. Overall the total works were completed in just a few hours.

If you have a similar project or require any further information on Centrecoat Anti-Slip Flexible Sheeting, please do not hesitate to contact our technical team on 01462 421333.