



ENHANCING SAFETY AWARENESS WITH POLYMERIC PEDESTRIAN BARRIERS AND HIGH VISIBILITY SAFETY MARKINGS

CASE STUDY

Thwaites

WAREHOUSE
SAFETY SOLUTIONS
Quality. Safety. Delivered

PRESENTED BY:



ENHANCING SAFETY AWARENESS WITH POLYMERIC PEDESTRIAN BARRIERS AND HIGH VISIBILITY SAFETY MARKINGS

OVERVIEW:

With their manufacturing factory in Warwickshire, Thwaites LTD are aware of the importance of workplace and facility safety. They are always looking for proactive ways to ensure the safety of their assets, especially their employees.

“Thwaites continuously reviews best practice and regularly consults with the market to find the solutions that will add value, by further reducing risk, providing enhanced protection to our team, our supply chain and our visitors. One such supplier is Warehouse Safety Solutions, from Meon.”

Will Redman, Distributor Manager, North - Thwaites

PROJECT:

Thwaites had an external personnel walkway surrounding their manufacturing factory, they were looking to reduce the risk of vehicles and machinery entering the personnel walkway, by installing a new safety barrier system.



Additionally, their existing racking protection system needed updating, with the current system not the most practical for the space available. The external personnel walkways, zebra crossings and transport bay surface markings needed refreshing, with some additional cracked concrete surface repairs required.

METHOD:

After discovering Warehouse Safety Solutions at The Health & Safety Event 2022, Thwaites arranged a visit from an advisor, to discuss the various options available to implement the desired safety improvements. Thwaites were looking to have the project managed and installed by Meon's On Demand Install Team, made up of vetted professional contractors.

A d-Flexx Barrier System was recommended as the ideal solution to surround the personnel walkway and additional racking areas, increasing safety and protection of personnel and assets, whilst being the most practical solution for the space available.

UltraLine L210, a hard-wearing MMA paint was recommended for use to refresh the surface safety markings and transport bays. ViaLine F210, a solvent based acrylic line marking paint was recommended for the stencil work. UltraCrack L275, a flexible joint and crack repair system was recommended for the cracked concrete surface.

“The safety barriers we selected were the d-Flexx barrier series. This system was chosen for its robust design, ease of installation and striking colour combination, with of course all of the supporting impact and protection data.”

Paul Evetts, Planning and Supply Manager





“This integration centred around external walkways, crossing areas and zone parking areas - All to further improve visibility, distance and protection from on-site traffic, thus reducing and minimizing risk of incident or accident.

Paul Evetts, Planning and Supply Manager

RESULT:

The new polymeric d-Flexx barriers have greatly reduced the risk of vehicles or machinery entering the designated personnel walkway, providing a safer working environment.

The bright eye-catching barriers also benefit from being able to withstand multiple impacts, thanks to their strong polymeric design and ability to absorb force.



“The feedback from colleagues and senior management has been excellent, with the striking appearance being one of the stand out comments.

The bay numbering system has also received high praise from the operational team.”

Paul Evetts, Planning and Supply Manager

Additionally, Thwaites have undergone an excellent visual improvement for the surface marking areas, making them much more distinguishable to personnel operating vehicles and machinery.

The combination of UltraLine L210 and ViaLine F210 paint will ensure these new surface markings will stay extremely durable, resistant to heavy machinery traffic and harsh weather.

“The factory team have adapted well to the new walkways, which is another positive from the planning, installation and communication period.

We would certainly recommend Meon, as our experience has been first class.”

Paul Evetts, Planning and Supply Manager



SYSTEMS USED:

Spectrum UltraLine L210 | MMA Hard Wearing Line Marking Paint



UltraLine L210 line marking paint is very hard wearing and outperforms traditional thermoplastic, lasting at least 3 times as long. It also has a very fast cure time, which allows rapid re-opening of areas to traffic.

- BSI approved for highway use
- Available in a range of colours
- Solvent-free formula



Spectrum ViaLine F210 | Solvent Based Acrylic Line Marking Paint



Spectrum ViaLine F210 is a solvent based line marking paint ideal for use on roads, car parks, distribution centres and docks. It is toluene free, which means it is less harmful to the environment and safer for the user.

- Can be used as a primer for MMA based products
- Available in a range of colours
- Resealable tin



Magma UltraCrack L275 | MMA Flexible Joint & Crack Repair



UltraCrack L275 features high levels of adhesion, bonding to most substrates, as well as remaining flexible once cured. It is exceptionally fast curing and reaches a rainproof time very quickly even at low temperatures, whilst being impact-resistant and UV resistant.

- Fast curing - allows traffic within minutes
- Flexible - accommodates substrate movement
- Safe - applied with no hot works or large equipment



d-Flexx Pedestrian Barrier



The d-flexx pedestrian barrier system is designed to protect pedestrians or stock from MHE movements, in low to medium traffic areas. It is a very versatile system available ranging in height and rail variations. Flexible impact protection mitigates workplace incidents very effectively, giving assurance to workers and employers alike.

- For outdoor & indoor use
- Minimises maintenance costs considerably
- Returns to original shape after a collision



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