



Hycolour 193 - Slip Resistant Coating

Product: *Hycolour 193 Extra durable Slip resistant coating*
Project: *Wolverhampton Self Storage - Wolverhampton*
Client: *Mr Gary Wheyway - Wolverhampton Self Storage - www.wolves-selfstorage.co.uk*
Contractor: *Safe-2-Tread Ltd - www.safe-2-tread.co.uk*

Background

Wolverhampton Self Storage has been offering a safe and secure storage solution to Business and Residential clients for the last four years.

It is ideally positioned close to the Black Country route with easy access to the M6 (via Junction 10) in the heart of the 'Black Country'.

It can offer a storage solution on a scale to suit both need and budget, from a single storage 'cupboard' to 25m² units and pallet storage.

All this is protected by state of the art biometric security equipment, whilst offering easy access around the clock.

The facilities are accessed through large roller shutter doors and loading bays. Clients and staff have the use of fork-lifts, trolleys and pallet trucks to help move stock and belongings. The larger facilities also have access for articulated lorries and vans. These areas are subject to high traffic and surface wear/damage. They are also in constant use and to deny this access could prove difficult for both the client and his customers.

Constant maintenance of low performing floor paints in two of the six loading bay was proving expensive and inconvenient. The remaining bay floors were bare smooth concrete.

There was also a health and safety issue. The door ways are open to the elements, creating a potential 'slip hazard' should the surface become wet.

The loading bays were painted a single colour with no demarcation zone for roller shutter doors, for fork-lifts or for other vehicles.



Design Brief

Wolverhampton Self Storage decided they needed a permanent coating solution to the problem of constant maintenance of the loading bay areas and at the same time address the slip hazard potential.

They approached Safe-2-tread Ltd to come up with some viable options. Safe-2-Tread Ltd is a Wolverhampton company that specialises in anti-slip coatings and solutions.

At the initial meeting with Wolverhampton Self Storage it was agreed that a premium product was required to meet the demands of durability, slip resistance, colour, cost effectiveness and importantly full cure times. Ease of floor preparation and adhesion were also concerns.

Solution

Adbruf's Hycolour 193 seemed to meet all of the demands of the client. An on site meeting was arranged between the client, contractor and an Adbruf Ltd representative who confirmed the product choice, advised on floor preparation and quantities required.

Hycolour 193 is extremely hard wearing, naturally slip resistant and has a very fast curing time (8 hours full traffic @ 20°C). This cure time proved decisive as it allowed full use of the loading bays in the minimum amount of time.

Hycolour 193's range of colours also allowed the option of a demarcation zone and hazard lines in the loading bays, a invaluable safety feature. It was agreed that the base coat would be Emerald Green with hazard lines in Lemon Yellow.



Installation

The installation took place as agreed over a couple of weeks, working around the clients business demands.

Each area (30-40m²) took approximately 5-6 hours each to complete, requiring only one coat of product to achieve coverage and a slip resistant profile of Lemon Yellow (2 coats).

The product was applied by brush and roller although spray equipment may be used.

The working temperature was between 12-20°C, this allowed foot traffic after approximately 90 minutes to apply the hazard lines.

Hycolour 193's fast curing proved itself when an articulated lorry was driven over one section that had only been down for 15-18 hours. The coating was undamaged and did not even suffer tread marks.

Product Details

Hycolour 193 Extra Durable Slip Resistant Coating (Emerald Green and Lemon Yellow).

Hycolour 193 outperforms other low-build coloured coatings by offering UV stable colour demarcation and slip/skid resistance but with class leading durability at a sensible cost.

Hycolour 193 can be applied by roller or spray to suit site conditions and its unique cure profile allows a rapid return to service for the treated area.

Uses Include: car parks, walkways, ramps, factory or warehouse floors or play areas.



Client's Comments

Gary Wheyway MD - Wolverhampton Self Storage Ltd

"We engaged Safe-2-Tread to resurface our six loading bays. Mark was able to guide us through our options and come up the best and most cost effective solution for our business. Mark organized the application around our business hours which meant we had no downtime, all important in a 24 hour self-storage facility. I would recommend Safe-2-Tread to anyone with no hesitation."

Mark Harper - Safe-2-Tread Ltd

"I found this an excellent product that did exactly what the information sheets said it would, i.e. cure very fast and very hard. I have never come across a product that fully cures so hard and fast but is still very workable, allowing installers to manage work loads and product usage. The fact that only single coat would be required on most installations also makes this a cost effective solution."