



## PROTECTGUARD® HD

### HEAVY DUTY

## WHITEHALL : APPLICATION OF PROTECTGUARD HD



ProtectGuard® HD is the approved protection product for the foot ways of Westminster. After site tests at Aldington Street and Marylebone Lane. Westminster City Council decided that ProtectGuard® HD was the best protection product and would be used on all future public realm projects.

Whitehall, home of the the United Kingdom Parliament is visited by millions of visitors each year. The foot ways around the area are laid in English Pennine Stone. Although laid quite recently, the amount of footfall coupled with the pollution from traffic and chewing gum deposits meant that this iconic streets appearance was beginning to degrade. It was in dire need of rejuvenation. The area also needed to be protected from future degradation.

ProtectGuard® HD not only achieves this, but also stops the ingress of the oil from chewing gum deposits, whilst still allowing the stone to breathe.



### PROJECT DETAILS

- **Location:** Whitehall, Horse Guards Avenue and Parliament Street.
- **Description:** Deep clean of natural stone paving and then protected with ProtectGuard® HD.
- **Products used:** ProtectGuard® HD, Guard Remover® Eco Efflorescence & Cement and Guard Wash®
- **Area:** 8 880 m<sup>2</sup>
- **Client:** F.M.Conway, Westminster City Council
- **Approved Applicator:** ACS All Clean Services Limited
- **Date:** March 2017



On Monday 20<sup>th</sup> March 2017, a team of Guard Industry approved applicators began the work.

## STEP 1:

### Cleaning and preparation of the footways

The first stage of the project began with the cleaning of pavements. Firstly, an innovative system was used which was low-pressure but produced superheated water. Then, **Guard Remover<sup>®</sup> Eco Efflorescence & Cement** was applied using a low-pressure sprayer and it was rinsed after being left to impregnate for a short time it was rinsed down. Any stubborn stains were removed by using our powerful Guard Wash<sup>®</sup>.

Application of Guard Remover<sup>®</sup> Eco Efflorescence & Cement is a significant step as it prepares and opens the stone's pores and ensures a uniform and efficient penetration of the protection product.

## STEP 2 :

### Protecting using ProtectGuard<sup>®</sup> HD

After the surface had been cleaned, the next step was to protect the area using **ProtectGuard<sup>®</sup> HD**.

ProtectGuard<sup>®</sup> HD was chosen due to its total protection for floors subject to high traffic and due to it being 100% biodegradable.

ProtectGuard<sup>®</sup> HD was applied using a low-pressure sprayer until the substrate was saturated.

Guard Industry UK director, Paul Bradley says, “Guard Industry and myself are privileged to be involved in this project. A lot of planning and hard work has been put in to get phase one completed and I'm delighted with the results.”

Thanks to Guard Industry and ProtectGuard<sup>®</sup> HD, the pavements of Whitehall will stay clean and protected for years to come.



**PROTECTGUARD<sup>®</sup> HD**

**HEAVY DUTY**

### ZOOM IN ON PROTECTGUARD<sup>®</sup> HD

ProtectGuard<sup>®</sup> HD is perfect for heavy duty protection because it acts against the main causes of degradation, such as atmospheric pollution, greasy soiling, water seepage, acid rain and chewing gum.

It is the ideal water and stain repellent treatment for all substrates including floors and facades, offering amazing protection whilst also being completely invisible.



ProtectGuard<sup>®</sup> HD is a water-based eco-friendly product. It is solvent-free and 100% biodegradable.