



# HIGH PERFORMANCE FIRETEX SYSTEM PROTECTS GLASGOW FORTE CAR PARK

Glasgow Forte is one of Scotland's top shopping destinations. The centre is currently undergoing a major programme of development as part of a £45 million investment from owners British Land.

This includes a new, 600-space car park, boosting parking at the retail site by 25 per cent.

**SHERWIN-WILLIAMS WAS CALLED ON BY THE DESIGN TEAM AND FABRICATOR TO PROVIDE BOTH CORROSION PROTECTION AND FIRE PROTECTION SYSTEMS FOR USE ON THE STRUCTURAL STEEL AS PART OF THE CAR PARK DEVELOPMENT.**

**CLIENT:**  
BHC

**MAIN CONTRACTOR:**  
McLaughlin and Harvey

**FROM SPEC TO PROTECT**  
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**SHERWIN  
WILLIAMS®**

# GLASGOW FORTE CAR PARK



## SOLUTION

The solution for the majority of the car park was required to offer up to 20 years' corrosion protection for the steel structure of the car park, exposed to C3 and C4 environments – medium to high corrosion categories usually featuring pollution or low to moderate salinity.

For stairwells and retail units, used as escape routes in an emergency, up to 60 minutes' fire protection was required. Sherwin-Williams specified Macropoxy C400V3 primer for the main car park at 250 um dft with Acrolon C137V2 top coat to be applied on-site, offering protection against corrosion.

FIRETEX FX6000 offers a fast and more durable cure which means less on-site touch up is required. When coatings are applied off-site, generally there is the danger of damage during transportation resulting in small repairs having to be carried out. As FIRETEX FX6000 is highly durable and robust, damage does not present an issue.

As a result, the stairwell and retail units are FIRETEX FX6000 at 800 um dft (columns); 1,800 um dft (beams); 6,000 um dft (hollows); with Acrolon™ C137V2 at 100 um dft.



## SUBSTRATE:

Steel

## REQUIREMENTS:

Up to 20 years' corrosion protection in a C3 or C4 environment (car park), with 60 minutes' fire protection (stairwells, retail units)

## SPECIFICATIONS:

- Macropoxy C400V3 primer
- Acrolon C137V2 topcoat for corrosion
- FIRETEX FX6000 for fire protection

## AREA COATED:

8,000 m<sup>2</sup> (corrosion protection)  
4,000 m<sup>2</sup> (fire protection)



## THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams Protective & Marine delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe. Our broad portfolio of high-performance coatings and systems that excel at combating corrosion helps customers achieve smarter, time-tested asset protection. We serve a wide array of markets across our rapidly growing international distribution footprint, including oil and gas, water and wastewater, bridge and highway, steel fabrication, flooring, food and beverage, rail and power, marine and passive fire protection.

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