



Warrington Bus Depot  
General  
July 2023  
Final

### **Our friends electric: Hörmann Industrial Doors help Warrington buses go green**

A selection of industrial doors from Hörmann UK have been installed at a new, purpose-built bus depot in Warrington, designed to be home to the first all-electric bus fleet in the UK. The £10m facility, constructed by Preston based Walter Carefoot & Sons (Construction) Ltd, is fitted with Hörmann roller shutters, a high-speed spiral door and steel sliding doors. The new depot will eventually house Warrington's new electric fleet of 120 buses and will be one of the largest all electric bus depots in Europe.

A total of thirteen Hörmann 5m high Decotherm DD roller shutter doors have been fitted to the access bays of the depot. Particularly suited to large openings the doors were chosen for their robust design, reliability, and long service life. They feature insulated, double skinned laths to help improve the overall thermal efficiency of the building and are finished in RAL 7016 Anthracite grey to compliment the building's facade.

A Hörmann HS 7030 high speed spiral door has been fitted to an automated bus-wash facility. Specified to provide synchronised fast opening and closing, the HS 7030 can operate at speeds of up to 2.5 m/s. It features a compact spiral track application which provides reduced operational noise due to the quiet door travel. Operator safety is ensured as the door is fitted with a light grille in the side elements that monitor the closing zone of the door up to 2.5m, in compliance with DIN EN 13241-1, with a gentle soft stop function bringing the door to a standstill in the event of an obstacle being detected. The door has clear glazed panels to enhance visibility, featuring the unique Hörmann Duratec coating which provides maximum protection against scratching and damage caused by cleaning and wear.

A major aspect of the planning conditions for the new depot is the quiet operation of the bus-wash facility to ensure that local residents are not disturbed, particularly during out of hours operation. As part of the work carried out to ensure compliance with the strict planning

requirements the Hörmann high-speed spiral door underwent thorough independent acoustic testing at the company's Coalville facility to ensure that it provided sufficient sound insulation, together with quiet door operation.

Two Multi-purpose FST MZ OD steel sliding doors finished in Anthracite grey have also been fitted in the garage area of the depot.

Bradley Mills, Project Sales Manager for Hörmann UK comments, "As one of the largest investments in bus transport in the UK this has been a prestigious project to be involved in. One of the most important aspects of the site is the quiet operation of the bus-wash facility, with our high-speed spiral door providing the ideal solution. With our extensive product display and demonstration area at Coalville we were able to easily facilitate the acoustic testing required and show the doors suitability for this aspect of the development."

The new bus depot forms an important part of Warrington Borough Council's major investment plans for the town's public transport. The electric bus fleet, which is due for roll out towards the end of 2023 will be charged using renewable energy. It has been supported by £21.5m from the Department of Transport's ZEBRA fund and will provide Warrington with cleaner, green transport and a bus service fit for the future.

To find out more about Industrial doors please visit [High-Speed Doors for economical material flow | Hörmann \(hormann.co.uk\)](#) or call 01530 516868.

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Issued by Parkgate Communications on behalf of Hörmann UK. For further information contact Sheila Normington on 07990 636398 or email [snormington@outlook.com](mailto:snormington@outlook.com).