

# Case Study

## Wallgate on the move with new toilets for class 458 rolling stock



Trevor Powell, MD of Wallgate Ltd, officially opens the newly refurbished South West Trains toilets

Wallgate has designed and manufactured 29 handwasher driers for disabled access toilets on South West

Trains class 458 rolling stock. These bespoke units have been especially

designed in order to comply with the very different approvals required for the railway industry, such as vibration testing, not normally required for static machines.



CMEc11 handwasher/driers and vanity units on the South West Trains class 458 carriage.

### Fact Box

## Wallgate supply sanitaryware for train stations and public places

Until recently rail passengers were more likely to see Wallgate handwasher driers in railway stations. They are available in Cardiff, Leicester, Derby, Weston-super-Mare, Bristol, Swindon and Reading, as well as more rural stations. Now, travellers to



Reading station handwasher/driers

Spain can also use a Wallgate at Barcelona's station.

### Environmental Savings

In addition to using less space within the toilet cubicle, Wallgate's Handwasher Driers also typically save 65% on water consumption per handwash. Add that to an average of 35% saving in energy cost and the Wallgate Handwasher Drier presents an environmentally-friendly alternative to traditional methods.

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## Wallgates on the move with new toilets for class 458 rolling stock cont/...

Interfleet turned the original concept-design into a working production design, compliant with all applicable railway standards and managed the fitment of the disabled access toilets, including the CMEc11 handwasher/driers and vanity units, into the train carriages at their Bournemouth depot.

The carriages, owned by Porterbrook Leasing and operated by South West Trains were built in the late 1990's and are being refurbished on a rolling basis in anticipation of the 2010 UK Rail Vehicle Accessibility Regulations (RVAR), which also brings them into compliance with the 2020 European Technical Specifications for Interoperability (TSI).

## Train Industry Comments

"The Wallgate unit is currently being fitted to our 458 fleet and feedback so far suggests it's a winner with both customers and maintenance teams. It is both reliable in service and is user friendly."

**Danny Berry,**  
*South West Trains Depot Manager.*

"The compact nature of the Wallgate wash unit helped Porterbrook to develop the space used in the toilet area on the Class 458 Fleet. Ultimately, through Atkins our design partners for the work, the toilet arrangement on the fleet was adapted to deliver RVAR compliance in a cost efficient manner."

**Alex White,**  
*Operations Director for Porterbrook Leasing.*

"Interfleet have guided Wallgate through the design and approvals process allowing Wallgate to produce a fully production ready plug and play unit, that is compliant for the UK rail market. Throughout the process, Wallgate have worked well with Interfleet."

**Chris Baker,**  
*Interfleet Account Manager.*

## Wallgate ...takes some beating!

When it comes to high quality, long-lasting, damage-resistant sanitaryware, Wallgate takes some beating.

For the past 30 years Wallgate has been the UK's leading designer and manufacturer of vandal-proof sanitaryware for a wide variety of applications.

Having started as electrical engineers, Wallgate patented the handwasher/drier – a high impact all-in-one washing facility which proved popular with local authorities.

Over time, Wallgate's products have expanded to include high impact resin sanitaryware, which has proved highly durable even in remote areas with extreme vandalism.

Wallgate continues to develop its sanitaryware ranges to suit the changing needs and demands of its clients.



Public facilities at East Point Pavillion, Lowestoft

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