

# Fresh Wharf debuts DBS Security System

Barking estate combats stone chips and noise with innovative solution



## The Challenge

**A former brown-field industrial site alongside the River Roding in Essex is being converted into an attractive mixed-use community housing The Met Police custody and patrol base for the borough, industrial businesses, restaurants, river moorings and 1000 homes.**

The developer wanted to replace old and damaged wooden hoardings around a section of the Fresh Wharf Estate perimeter in Barking and prevent damage to a bus shelter from stone chips thrown up by passing vehicles on the adjacent A406.

## The Solution

Fresh Water Developments approached Zaun to devise a bespoke solution for the site on the banks of the Roding, a Thames tributary. They wanted a perimeter that was sustainable, deflected flying stone chips, minimised noise and met their aesthetic, design and functional needs.

Zaun has integrated a new highly resistant laminate made entirely from mixed waste plastics with its market-leading Duo fencing to produce a system that won't rust or rot, is low maintenance and is reusable or recyclable if damaged.

The innovative product design named DBS Security boasts great acoustic-loss

properties, rated B3 and 36dB loss, and gives protection against damage from flying objects flicked up by passing vehicles.

DBS Security protects a bus shelter close to the North Circular that constantly has to undergo repair. A large section of the perimeter to the industrial site and housing is fitted with Zaun's twin-wire Duo fencing system, with two horizontal wires resistance welded on either side of the vertical wire.

Zaun combined both standard and bespoke fencing to tailor the overall solution to the site's specific requirements.



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**We were delighted with the end solution. The complete package of protection from stone chips thrown up by vehicles, superb noise reduction and an attractive and robust solution simply wasn't available anywhere else.**

Fresh Wharf estate manager

## Key Project Data

<b>Sector</b>	Commercial Property
<b>Sub-sector</b>	Transport Hub
<b>Project scope</b>	Supply and Installation of Zaun ShotGuard Anti-Ballistic Perimeter Fencing
<b>Services provided</b>	Design; Manufacture; Installation
<b>Project location</b>	Barking, Essex
<b>Client</b>	Fresh Water Developments
<b>Contractor</b>	Zaun
<b>Budget</b>	> £20k