Housebuilder Chooses Acoustic Barriers for Quieter Homes

Jacksons Fencing

Products

- 80m of 1.8m high Jakoustic® Commercial and Highway Reflective

Background

Dukes Quarter in Bordon, East Hampshire is a new residential community created by one of the largest developers and housebuilders in the UK. The development forms part of the Prince Philip Park regeneration and sits opposite the woodlands and play park. With 94 modern homes surrounded by nature, residents benefit from woodland walks, nearby schools, and local amenities.

Sustainability is central to the scheme, reflecting the growing focus among housebuilders on environmentally responsible living. The homes incorporate solar panels, triple glazing, electric vehicle charging ports, water saving systems, and energy efficient appliances, ensuring a warm and cost effective living environment. However, a section of the development borders a major outer urban road, creating the need for an effective acoustic and privacy fencing solution for resident comfort, safety and wellbeing.

Solution
To address these challenges, we supplied an 80m long, 1.8m high Jakoustic® Commercial and Highway timber acoustic barrier along the boundary. Installed on top of an existing bank, the barrier provided a raised and highly effective fencing solution that both protected and enhanced the roadside plots.

Noise Reduction
A key requirement for the housebuilders was reducing the impact of road noise on nearby homes. Therefore, they chose the Jakoustic® system which is specifically engineered for traffic noise mitigation and can reduce sound by up to 28 decibels. This made garden areas and internal living spaces significantly quieter and more comfortable. Our Jakoustic® Commercial and Highway system is the first timber acoustic barrier range that is correctly UKCA marked as a system; compliant with BS EN 14388 2005, and fully type tested by BSI, giving housebuilders complete confidence in its performance.

Privacy Enhancement
The solid structure forms a high privacy boundary that screens gardens and reduces overlooking from passing traffic. The flat face of the acoustic barrier also creates a visually clean and consistent appearance along the boundary line, while preventing climbing.

Safety for Families and Pets
With the boundary positioned above a bank next to a busy and fast road, the housebuilders required a fencing solution that would deliver safety. The elevated installation creates a secure barrier that prevents accidental access to the road, making it ideal for families with young children and pets.

Durability and Long Term Value
Like all our acoustic fencing, this Jakoustic® system benefits from our Jakcure® timber treatment, which allows us to provide an industry leading 25 year guarantee. For housebuilders, this reduces future maintenance concerns and ensures long term structural and aesthetic performance. In addition, compliance with Highways Sector Scheme 2C and Scheme 4 highlights the system's suitability for demanding roadside applications.

Environmental and Sustainability Benefits
The Jakoustic Commercial and Highway acoustic barrier system supports the sustainability aims of modern housebuilders through the use of responsibly sourced timber and its long lifespan, which reduces the need for frequent replacements. This makes it a strong choice for environmentally conscious developments and helps housebuilders deliver communities with long lasting, sustainable infrastructure.

Jakoustic® Commercial and Highway Reflective

Jakoustic® Commercial and Highway Reflective with steel I-beams

Efficient Installation

Working within an active construction programme, the installation was completed quickly and with minimal disruption. The housebuilders required a solution that avoided prolonged works close to finished gardens and roadways.

The acoustic fencing at Dukes Quarter demonstrates how a high performance boundary solution can transform roadside plots by improving noise levels, privacy and safety. For housebuilders, selecting durable and accredited systems such as Jakoustic® Commercial ensures long term value, buyer satisfaction, and reliable environmental performance. The completed installation supports the development's vision of a peaceful, secure, and sustainable community for new residents.

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For further information on products featured visit: www.jacksons-security.co.uk

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