



ACOUSTIC BARRIERS

Buffalo Fence Ltd, quality assured to ISO 9002, has specialised in the research, development, construction and erection of acoustic barriers for more than 30 years. Tested and proven to reduce noise by up to 50%, the barriers have full Highways Agency Technical Approval and have been used as the Highways Agency standard in specifications for many motorways, including the M25. The barriers are designed to have domestic proportions and to be as unobtrusive as possible. The vertical boarding can be attached to both sides if required. Combined noise / safety barriers, and noise absorbent barriers are also available.

• Applications

Buffalo's products have been used extensively on motorways and other major and minor roads. They are also used for car parks, sports fields, schools, business parks and 24-hour distribution depots. As well as reducing noise, the barriers increase security and add privacy.

Composition and manufacture

The standard timber deflective barrier comprises a solid timber panel system supported by 'H' section steel posts. Cladding is of a gap-free design that allows for natural timber movement. Timber sections are in softwood, or hardwood for extra vandal resistance. All softwood is impregnated to motorway specification. Barrier fixings are in stainless steel, providing longevity and added vandal resistance.

Dimensions

Standard barriers are available in heights of 1.0, 1.5, 2.0, 2.5 and 3.0m. Post centres can be either 2.4 or 3.0m. Taller, non-standard barriers have also been erected to heights of 3.5, 4.0 and 5.0m, and Buffalo can provide advice on any specific dimensions that might be required.

Finish and appearance

All softwood barriers are pressure impregnated to motorway specification, and have either a mid-brown colour (*Tanabronzed*) or light straw colour (*Tanalised*). Hardwood barriers have a light brown colour.

Sitework

Professional installation is carried out on site by the company's trained operatives. This is important for the barriers to function well. Flowing alignments are a speciality of the company.

Buffalo is highly experienced in the installation of acoustic barriers on motorways, roads, bridges and wall-mounted structures. Acoustic barriers can also be installed on sloping ground and on top of earth mounds.

Additional entry > 267



2m high barrier



2.5m high barrier at waterworks



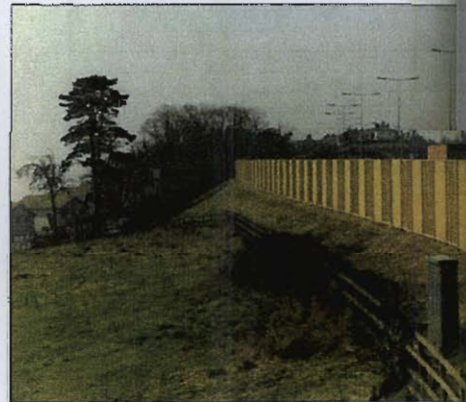
2m high barrier with hardwood horizontals



2m high barrier with hardwood horizontals



1.5m high wall-mounted barrier



3m high barrier on M4, south Wales



3m high enclosure for a generator



3m high barrier on M4, Berkshire

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ENVIRONMENTAL NOISE BARRIER



Environmental Noise Barrier

Environmental Noise Barriers are prefabricated at Balmer Lindley Group Ltd purpose built factory in North Lincolnshire, where specialist jigs ensure consistency of design and quality.

Prefabrication of panels ensures a substantial reduction of site installation times.

Acoustic timbers, aluminium and steel panels manufactured by Balmer Lindley Group Ltd comply with the latest standards for acoustic testing under BS EN 1793-1 and 2 for sound absorption and insulation (passing A4 and B3 categories respectively in flying colours).

Balmer Lindley Group Ltd offer a fully integrated service to survey, design, manufacture and install timber, aluminium, steel and concrete environmental barriers to the highest standards demanded by the specifying authorities.



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