



Geoblock Interface Ltd

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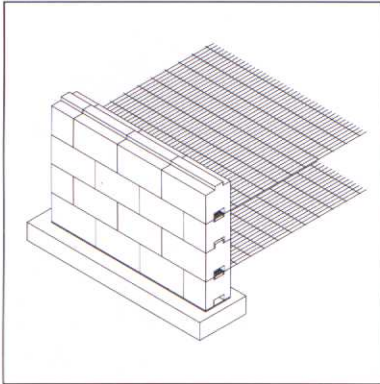
**Roads and Bridges
Agrément Certificate
No 97/R094**

Designated by Government
to issue
European Technical
Approvals

GEOLOCK REINFORCED SOIL RETAINING WALL AND BRIDGE ABUTMENT SYSTEMS

Système de renforcement des sols
Bodenverfestigung

Product



- THIS CERTIFICATE RELATES TO THE USE OF THE GEOLOCK REINFORCED SOIL RETAINING WALL AND BRIDGE ABUTMENT SYSTEMS REFERRED TO IN THE ACCOMPANYING DETAIL SHEETS.
- The systems are based on the use of proprietary dry jointed concrete block facing units in combination with proprietary polymeric reinforcement identified in the accompanying Detail Sheets. The two materials are joined by a proprietary concrete mechanical interlock connector inserted between the facing units.
- The polymeric reinforcement must hold a current BBA Roads and Bridges Certificate for use in permanent structures when assessed against the requirements of the Department of Transport (DOT).
- The design and construction of the reinforced soil structure must be in accordance with the requirements of the DOT and the conditions set out in the Design Data and Installation parts of this Certificate.

These Front Sheets must be read in conjunction with the accompanying Detail Sheet, which provides information specific to the system.

Department of Transport Requirements — Detail Sheet 1

1 Requirements

1.1 All proposals for adopting the systems shall comply with current design and certification procedures specified by the Department's Nominee, and Design Data shall be submitted in accordance with the requirements of Detail Sheet 2, section 3.

1.2 The design, materials specification and construction methods adopted must be in accordance with DOT Technical Memorandum (Bridges) BE 3/78 (revised 1987) *Reinforced and Anchored Earth Retaining Walls and Bridge Abutments for Embankments* (DMRB 2.1), and Manual of Contract Documents for Highway Works (MCHW) Volume 1 : *Specification for Highway Works* (SHW) : December 1991 Edition, with August 1993 Amendments and August 1994 Amendments.

Conditions of Certification

2 Conditions

2.1 Where reference is made in this Certificate to any Act of Parliament, Regulation made thereunder, Statutory Instrument, Code of Practice, British Standard, manufacturer's instruction or similar publication, it shall be construed as reference to such publication in the form in which it is in force at the date of this Certificate.

2.2 The quality of materials and the method of manufacture have been examined and found satisfactory by the BBA and must be maintained to this standard during the period of validity of this Certificate. This Certificate will remain valid for an unlimited period provided:

- the specification of the product is unchanged; and
- the manufacturer continues to have the product checked by the BBA.

2.3 This Certificate will apply only to the product that is installed, used and maintained as set out in this Certificate.

2.4 In granting this Certificate, the BBA makes no representation as to:

- (a) the presence or absence of patent or similar rights subsisting in the product; and
- (b) the legal right of the Certificate holder to market, install or maintain the product; and
- (c) the nature of individual installations of the product, including methods and workmanship.

2.5 It should be noted that any recommendations relating to the safe use of this product which are

contained or referred to in this Certificate are the minimum standards required to be met when the product is used. They do not purport in any way to restate the requirements of the Health & Safety at Work etc Act 1974, or of any other statutory or Common Law Duties of care, or of any duty of care which exist at the date of this Certificate or in the future; nor is conformity with such recommendations to be taken as satisfying the requirements of the 1974 Act or of any present or future statutory or Common law duties of care. In granting this Certificate, the BBA does not accept responsibility to any person or body for any loss or damage, including personal injury, arising as a direct or indirect result of the use of this product.



In the opinion of the British Board of Agrément, the Geolock Reinforced Soil Retaining Wall and Bridge Abutments Systems are fit for their intended use provided they are installed, used and maintained as set out in this Certificate. Certificate No 97/R094 is accordingly awarded to Geoblock Interface Ltd.

On behalf of the British Board of Agrément

Date of issue: 6th February 1997

Director