



Reinforced Soil Walls and Slopes

STRUCTURE TYPES

Reinforced soil walls (70° to 90°) —Steel reinforcement

Reinforced soil walls (70° to 90°) — Geogrid reinforcement

Reinforced soil slopes (up to 90°) - Polymeric reinforcements, i.e. geogrids / geotextiles

FACING TYPES

Walls (70° to 90°): Modular block, Concrete panel

Slopes (50° to 70°): Welded steel mesh, gabions, Crib

Slopes (Up to 50°): Wrap around, Face erosion matting, Cellular geogrid

DESIGN AND EXECUTION STANDARDS

BS8006-1:2010+A1:2016

BS EN 14475:2006

BS EN 1997-1:2004+A1:2013 (Overall stability)

Design of Reinforced Soil Walls and Slopes

As a specialist geotechnical design consultancy, Remedy Geotechnics has a wealth of experience in the design and specification of reinforced soil slopes and walls. Remedy Geotechnics offers you a full design service from concept design stage through to product specification and detailed design. We cover all aspects of reinforced soil design including internal design, facing design, bearing, sliding and overturning checks, as well as overall stability checks for potential slips passing beneath the reinforced soil block.

We are fully conversant with the Specification for Highway Works, so if your structure is supporting a highway, we can assist you in developing Approval In Principle documents and specify your product or structure in accordance with the Specification for Highway Works - whether your structure is a slope, wall or bridge abutment.

We employ in-house industry leading expertise backed up by an abundance of experience from professionally qualified geotechnical engineers.

We employ the latest design techniques fully integrated with the latest design codes and best practice guidance. Coupled with our practical construction experiences Remedy Geotechnics will provide you with the service you need. So whether you require an efficient tender design or a full contract design you can be assured that Remedy Geotechnics will supply you with a comprehensive, effective and economical solution for your reinforced soil project.

Remedy Geotechnics offer a reinforced soil design service, so rest assured you can.....

leave the ground to us!

CONTACT US

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