



Acheson & Glover

n55Plus



Anchor Diamond Retaining Wall Blocks

By Acheson & Glover

Detailed description

A dry build retaining wall system designed to be constructed without mortar or pins to create retaining walls up to 1200 mm high, where there are no slopes above or below the wall and no surcharge. Anchor Diamond blocks can be used to construct taller walls with the inclusion of geogrid reinforcement when designed by a suitably qualified and competent engineer.

The blocks incorporate a rear lip which automatically provides a uniform setback (10.6° face batter) and perfect alignment, thus speeding installation. The system is flexible enough to shift and expand with ground movements around the blocks and can be laid to internal or external radius:

Minimum radius:

- Outside curve (to back of block on top course): 900 mm.
- Inside curve (to back of block on base course): 2700 mm.

Product guidance - As Standard

Size (w x h x d):

435 x 150 x 300 mm.

Weight (approx):

30 kg.

Compressive strength:

24 N/mm².

Absorption rate (maximum):

7%.

Face coverage (approx.):

15.3 units/m².

Bond:

Stretcher.

Finish:

Textured.

Sustainability;

- Energy use: 100% renewable energy.
- Water used: 100% rain water harvesting.
- Recyclability: 100% of this product can be recycled.
- Manufacturing location: Produced in the UK with locally sourced materials.
- Waste wood and plastic: 100% recycled.

- Carbon footprint: 60.7 kg CO₂/m².
- BREEAM rating: A+, in accordance with the Green Guide to specification.

CE marking:

CE marked; Certificate 14B/1-7-13, attestation Level 4 CPR (2011) Annex V.

Options

Colours:

Consult with Acheson & Glover for availability of colours and to obtain samples.

Accessories:

- Geogrid reinforcement: Required for walls in excess of 1200 mm high - consult Acheson & Glover's technical department.
- Montagefix: Caps and partial units should be fixed with a good quality exterior grade concrete adhesive such as Montagefix (available from Acheson & Glover).

Product specification

Manufacturer

- Name: Acheson & Glover
- Web: www.acheson-glover.com
- Email: solutions@acheson-glover.com
- Tel: +44 (0)28 8952 1275
- Fax: +44 (0)28 8952 1866
- Address: 127 Crievehill Road, Fivemiletown, Co Tyrone BT75 0SY

Product reference Anchor Diamond Retaining Wall Block

Colour Basalt
Cashel
Cathedral
Corrib
Cotswold Buff

Special shapes Anchor Shortcut Cap - 200 x 330 x 75 mm (l x d x h, 175 mm long on short side); weight (approx.) 10.3 kg.
Anchor Diamond® Corner - 435 x 150 x 230 mm (w x h x d).

Accessories [None]
[Geogrid reinforcement] - Required for walls in excess of 1200 mm high.
[Montagefix] - Exterior grade concrete adhesive.

