



## AB Stone (12° Setback)

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### Detailed description

Allan Block is a hollow-core, dry-stacking concrete blocks for the construction of retaining walls. Designed with a 12° raised front lip which automatically establishes the setback from vertical.

Manufactured from a mixture of aggregates (65% recycled secondary aggregate content) and cement.

### Features and benefits:

- Cost-effective and versatile.
- Offers high performance, quality, and lasting value.
- Expected lifespan of 120 years (if designed and built in accordance with its British Board of Agrément (BBA), Roads and Bridges certificate).
- Includes a hollow-core design which makes blocks easy to handle, promotes drainage and becomes solid when filled with stone.
- Anti-climb.
- No need for pins, clips or mortar.
- Can be constructed regardless of weather conditions.
- Built-in drainage.
- Durable and maintenance-free.
- Freeze-thaw resistance.
- High strength, durable block.
- Efflorescence-free.

### Applications:

Suitable for:

- All types of road and rail infrastructure projects that require approval by the Highways Agency (as the product holds a BBA Roads and Bridges certificate).
- Large commercial and residential walls.
- Low gravity (unreinforced) walls.

Depending on site conditions, walls can be constructed up to 1.7 m in height, using the blocks and granular fill only. Taller walls will require reinforcement, most often through the use of Geogrid, No-Fines Concrete or building a double-width gravity wall.

CE-marked and manufactured in accordance with BS EN 771-3, ISO 9001 and ISO 14001.

### Product guidance - As Standard

Size (h x w x d):

Colinwell Masonry

Colinwell Masonry  
37 Colinglen Road  
Dunmurry  
Belfast  
Co Antrim  
BT17 0LP

Tel: +44 (0)28 9061 8145

[www.colinwell.com](http://www.colinwell.com)  
[info@colinwell.com](mailto:info@colinwell.com)



200 x 450 x 300 mm.

**Finish:**

Split-face texture.

**Weight:**

35 kg.

**Technical characteristics:**

- Mean compressive strength: 30 N/mm<sup>2</sup>.
- Density: 2100 kg/m<sup>3</sup>.
- Absorption rate: 3–6%.
- Face coverage: 11.11 m<sup>2</sup> (approximately).

**Options**

**Accessories/ Other requirements:**

- **Geogrid:**

Typical Geogrid reinforced walls will require an excavation depth of 70% or more of the wall height to accommodate geogrid tails.

- **No-Fines Concrete:**

Will require an excavation depth of around 40% of the wall height.

**Product specification**

**Manufacturer**

- Name: Colinwell Masonry
- Web: [www.colinwell.com](http://www.colinwell.com)
- Email: [info@colinwell.com](mailto:info@colinwell.com)
- Tel: +44 (0)28 9061 8145
- Fax: +44 (0)28 9062 4240
- Address: 37 Colinglen Road, Dunmurry, Belfast, Co Antrim BT17 0LP

**Product reference** AB Stone (12° Setback)

**Colour** Abbey blend  
Cinder blend  
Limestone blend  
Pewter blend  
Slate blend  
Yorkstone blend

**Accessories/ Other** Not required

Colinwell Masonry



**requirements**

AB Corner Block - 200 x 400 x 200 mm (h x w x d), 26 kg (available left- or right-handed; insert requirements).

AB Wall Caps - 100 x 450 x 300 mm (h x w x d), 27 kg (to be fixed with a high-grade, waterproof, flexible masonry adhesive).

Geogrid - For use when the block weight and setback do not provide enough structural support. For taller walls. Consult manufacturer for information.

No-Fines Concrete Backfill - Will allow taller walls to be constructed with less excavation. For taller walls. Consult manufacturer for information.