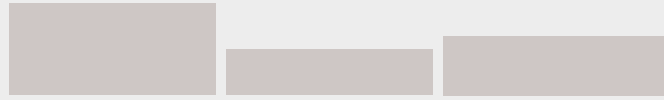




Diamond Pro® Air

Dry-build retaining walls with a 'naturally textured' stone cut finish



450 x 200mm

450 x 100mm

438 x 100mm

COLOURS

For 'Stock Information' on colours availability - see page 3.



Frost Resistant



No Reinforcement



BASALT



CASHEL



CANELLETTO

SPECIFICATION REFERENCE: NBS PLUS:

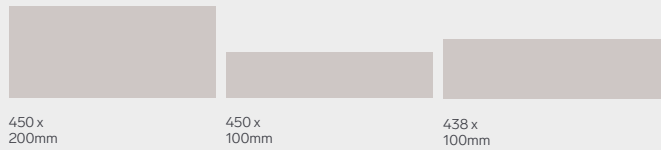
45-25-66/320 Precast concrete interlocking blocks D41 Crib walls, gabions and other gravity retaining walls - 310 DRYSTACK INTERLOCKING MASONRY





Diamond Pro® Air

Dry-build retaining walls with a 'naturally textured' stone cut finish



STANDARDS + PERFORMANCE

Our segmental retaining wall products are regularly tested to record important physical characteristics and to comply with product specific performance criteria. The durability and performance of Diamond Pro® Air blocks is assured by meeting or exceeding targets for compression strength and water absorption.

Product Type	Dry-build retaining walls with a 'naturally textured' stone cut finish.
Manufactured to	hEN 771-3:2011+A1:2015 - Specification for masonry units.
Efflorescence	State-of-the-art factory controlled vapour curing significantly reduces this naturally occurring chemical reaction.

If you need further assistance please consult our Technical Department.

SUSTAINABILITY

Energy Use	100% renewable
Water Used	100% rain water harvesting
Recyclable Manufacturing	100% of this product can be recycled Produced in the UK from locally sourced materials
Waste Wood + Plastic: BREEAM	100% recycled 'A' Rating – in accordance with the BRE Green Guide to Specification.

GRAVITY / ENGINEERED

Gravity (max 1m)
Engineered (1m up to 3.6m)

LICENCE

AG retaining wall systems are manufactured in Ireland under license from ANCHOR DIAMONDSM.

AG RECOMMENDATIONS

Colour blending
Products should be mixed on site from a minimum of 3 packs to help reduce the effect of banding.

ADVICE + GUIDANCE

For advice and guidance on ordering, installation, good site practice, etc. visit our website:
www.ag.uk.com/advice+guidance
For maintenance guidance and health and safety advice visit our website:
www.ag.uk.com/maintenance

FEATURES + BENEFITS

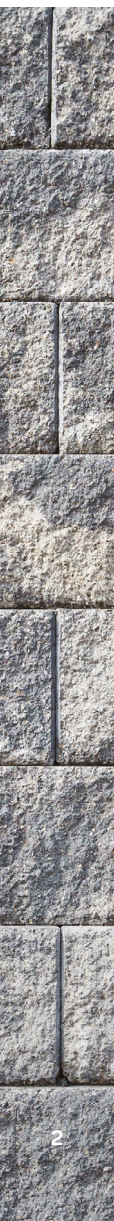
- Innovative lightweight retaining wall solution, engineered for strength, sustainability, and simplicity.
- Engineered for walls up to 3.6 meters high, this lightweight solution offers robust performance with a patented, compliant design.
- Crafted in the UK using 100% renewable energy
- Features locally sourced materials and recycled content, lowering embodied carbon while meeting stringent industry standards.
- Available in three earthy tones with a naturally textured, split face—offering a high-end look at a cost-effective price.
- Lightweight design simplifies handling, while the mortarless, interlocking system speeds up installation. Less effort, quicker results—helping you stay ahead of schedule.
- Utilise our AnchorWall® Software with advanced design tools and accelerate your project. It allows you to gauge the feasibility of the project and estimate material quantities from a very early stage.
- Utilise our Anchor Wall Estimator which is a free online tool enabling you to design your own segmental retaining wall. Perfect for groundworkers who are in the preliminary stages of retaining wall design. You can draw out your retaining wall design, calculate product quantities and create an overview of elevation views and cross sections.
- Maximise every inch of space with the optimised less than 4° batter design, ideal for compact installations. Its built-in anti-climb features enhance safety, helping to minimise the risk of accidents.
- Features large thru-cores that align vertically from course to course, enabling easy filling and smooth integration with light fencing.
- A distinctive design allows wall construction in incredibly tight spaces. Use in developments or where space is at a premium.
- The less than 4° block has anti-climb benefits – designed with playgrounds in mind.
- The Split Face finish uses patented technology to create a 'naturally textured' finish, similar to natural stone.
- Mortarless and pinless – built with no mortar or concrete, the unique dry build locking system allows fast track construction in all weathers. This means quicker installation rates than traditional brick and blockwork.
- Features a patented locating lug that acts as a guide to ensure accurate alignment and precise set back every time.
- For convenient capping, the top course can be installed upside-down, simplifying the process.
- The Capping blocks is shaped asymmetrically (tapered), making capping straight or curved walls much easier.
- AG recommend affixing Cap Blocks and Corner Blocks using a suitable concrete adhesive.



Frost Resistant



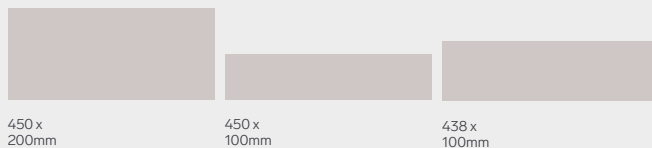
No Reinforcement





Diamond Pro® Air

Dry-build retaining walls with a 'naturally textured' stone cut finish



Diamond Pro® Air stock information

STOCK INFORMATION

Product type	Length (mm)	Depth (mm)	Height (mm)	Available Finishes	In Stock	Available Colours	m ² / Lm per pack	Units per pack	Unit weight (kg)	Weight per pack (t)	Packs per 8 wheeler (Ireland)	Packs per unit lorry (GB/Ireland)
DIAMOND PRO® AIR STANDARD BLOCK	450*	290	200	Stone Cut	Yes	Basalt / Cashel / Canelletto	4.86m ² / 24.32 Lm	54	24.5	1.323	10	IRE 16 / GB 20
DIAMOND PRO® AIR CORNER BLOCK	450	225	200	Stone Cut	Yes	Basalt / Cashel / Canelletto	N / A	40	30.9	1.340		
CAP BLOCK (SMOOTH FINISH)	450**	312.7	100	Smooth Face	Yes	Basalt	N / A	48	24.5	1.160		
CAP BLOCK (SPLIT FINISH)	438***	265	100	Straight Cut	Yes	Basalt / Cashel / Canelletto	N / A	48	20	0.940	14	IRE 20 / GB 22

* The Diamond Pro® Air Block 'short side' is 285.75mm in length.
 ** The Cap Block (Smooth finish) 'short side' is 300mm in length.
 *** The Cap Block (Split finish) 'short side' is 303mm in length.
 N / A – Not applicable.
 MTO – Made to order (minimum quantity required).



Frost Resistant



No Reinforcement

INSTALLATION DATA

Blocks	Set back / Face angle (degrees)	Minimum inside radius (to back of block on bottom course)	Minimum outside radius (to front of block on bottom course)	Tolerances on all dimensions (mm)	Compressive strength****	Face finish	Face geometry	no. per m ² / Lm
DIAMOND PRO® AIR STANDARD BLOCK	< 4°	1800mm	1200mm	±2mm	24 N/mm ²	Stone cut	stretcher	2.22 per Lm / 11.11 per m ²
DIAMOND PRO® AIR CORNER BLOCK	N / A	N / A	N / A	±2mm		Stone cut	stretcher	N / A
CAP BLOCK (SMOOTH FINISH)	N / A	N / A	N / A	±2mm	N / A	Smooth face	stretcher	2.67 per Lm
CAP BLOCK (SPLIT FINISH)	N / A	N / A	N / A	±2mm	N / A	Straight split	stretcher	2.7 per Lm

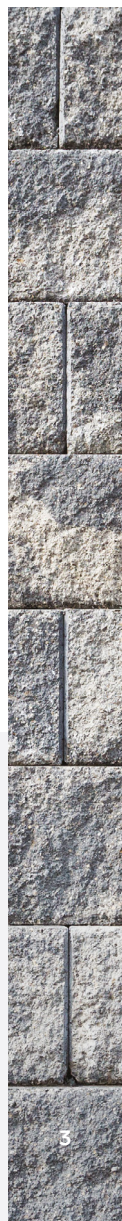
N / A – Not applicable.
 **** Compressive strength determined by testing a core sample cut from a block.

MANUFACTURING

AG segmental retaining wall blocks are manufactured from locally sourced, high grade aggregates. Using the latest computerized mixing systems ensures colour and strength consistency. The naturally textured finish of the Diamond Pro® Air range is due to the most modern computer-controlled manufacturing process. PLANT OF MANUFACTURE: Made at our Fivemiletown production plant.

CERTIFICATION

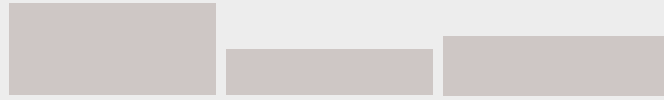
ISO 9001 Quality Management.
ISO 14001 Environmental Management.
ISO 45001 Occupational Health and Safety Management.
CE Marking Download our Declaration of Performance (DOP) data at: www.ag.uk.com/resources





Diamond Pro[®] Air

Dry-build retaining walls with a 'naturally textured' stone cut finish



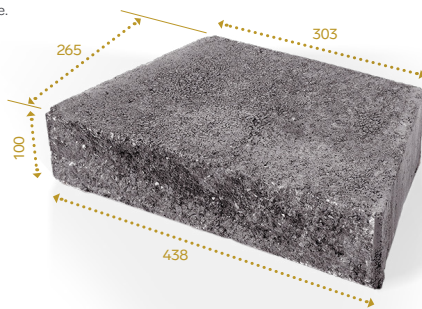
450 x 200mm

450 x 100mm

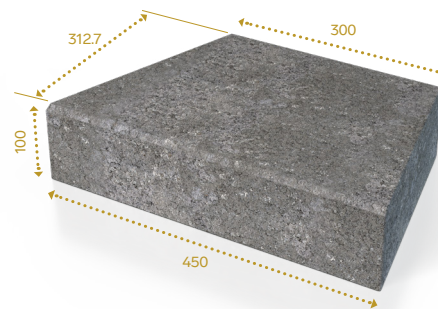
438 x 100mm

PROFILES

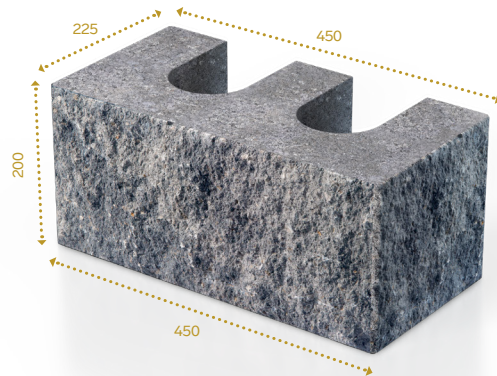
The stone cut face is naturally textured to give the wall a weathered appearance.



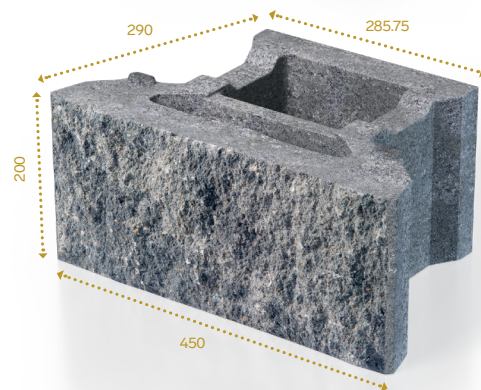
CAP BLOCK (SPLIT FINISH)



CAP BLOCK (SMOOTH FINISH)



DIAMOND PRO[®] AIR CORNER BLOCK



DIAMOND PRO[®] AIR STANDARD BLOCK



Frost Resistant



No Reinforcement

