



Stone Walling with Traditional Character for Modern Construction

Martello
Stone Walling

by Colinwell



▲ Colour: Kilkenny Limestone



▲ Colour: Kilkenny Limestone

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About Colinwell

Colinwell, a RTU company, is an award-winning company and a market leader in the concrete products industry. With over 130 years of experience, Colinwell has earned a strong reputation for producing best-in-class concrete products that combine performance, durability, and design excellence.

Our diverse product range includes Allan Block® Retaining Wall Systems, Martello Stone Walling, Architectural Masonry, Paint Grade Masonry and Acoustic Masonry Solutions. These innovative systems are designed to meet the needs of a wide variety of projects, providing both functional and aesthetic value.

Colinwell proudly serves a broad range of sectors, including residential, education, industrial, infrastructure, commercial, sports and recreation, and religious developments. Our ability to deliver dependable and tailored solutions has made us a trusted name across these industries.

We ensure our clients receive the right products, at the right time, and in the right place – backed by expert support and a deep understanding of construction needs. We supply projects of all sizes throughout the UK & Ireland, offering nationwide delivery and service our clients can rely on.

Our vision is to be the leading supplier of concrete masonry products – a goal we pursue through our core values of innovation, passion, and quality.

We are committed to sustainability, integrating environmentally conscious practices across our manufacturing processes and product designs. Colinwell continues to build on its legacy of excellence, combining heritage, innovation, and quality in every product we deliver.



Why Choose Martello Stone Walling?



Authentic Stone Aesthetic, Without the Complexity

Crafted using real quarried aggregates, Martello captures the texture and colour variation of traditional stonework without the need for specialist stonemasons or complex construction methods.



Flexible Design with Regional Character

Available in a choice of unit sizes, laying patterns, and colours that reflect Ireland's native stone, Martello adapts easily to both contemporary and heritage-style projects.



Durable, Maintenance-Free Performance

Manufactured to stringent standards, Martello delivers long-term durability with zero maintenance. It's frost-resistant, structurally robust, and efflorescence-free.



Responsibly Made, Sustainably Sourced

We manufacture using 100% renewable energy, water from our own spring, and up to 65% recycled aggregate content—minimising environmental impact without compromising quality.

The Martello Stone Walling Collection

by Colinwell

Martello Stone Walling is available in a range of colours that reflect the natural character and charm of traditional Irish stone. Designed to complement both contemporary and heritage styles, these authentic tones bring depth, texture, and lasting visual appeal to every project.



Kilkenny Limestone



Leitrim Sandstone



▲ Colour: Kilkeny Limestone



Project Portfolio

▲ Colour: Leitrim Sandstone



▲ Colour: Kilkenny Limestone



▲ Colour: Leitrim Sandstone



▲ Colour: Kilkenny Limestone



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▲ Colour: Kilkenny Limestone



▲ Colour: Leitrim Sandstone



▲ Colour: Leitrim Sandstone



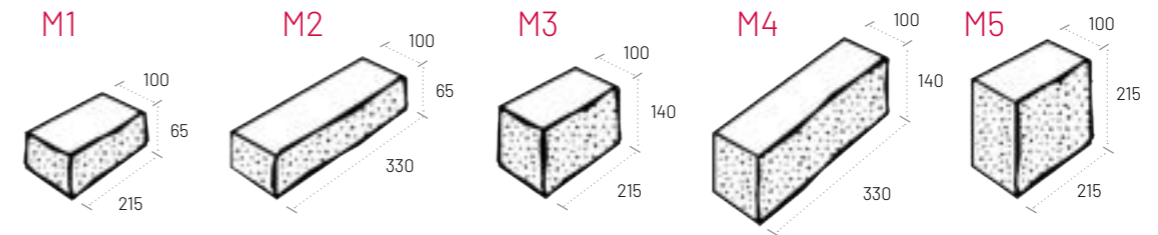
▲ Colour: Leitrim Sandstone



Martello Stone Walling Sizes, Styles and Accessories

▲ Colour: Kilkenny Limestone

Unit Sizes



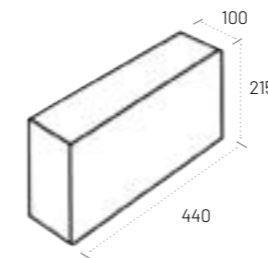
All Martello Stone Walling blocks feature textured ends as standard.

| Unit Sizes | (mm) L x W x H | No. per m ² | No. per pack | m ² per pack | Weight Kg Per Unit |
|------------|-----------------|------------------------|--------------|-------------------------|-----------------------|
| M1 | 215 x 100 x 65 | 60 | 348 | 5.83 | 3.1 |
| M2 | 330 x 100 x 65 | 39 | 378 | 9.3 | 4.6 |
| M3 | 215 x 100 x 140 | 30 | 174 | 5.83 | 6.9 |
| M4 | 330 x 100 x 140 | 20 | 116 | 5.83 | 10.4 |
| M5 | 215 x 100 x 215 | 20 | 128 | 6.4 | 10.1 |

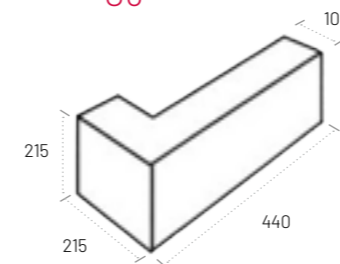
Dressings & Accessories

All dressings & accessories are always manufactured to order. Available in the following colours:

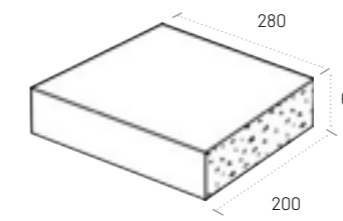
Plain Plinth
J1



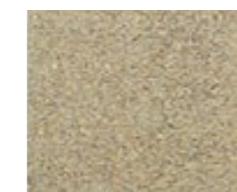
Plain Quoin
J5



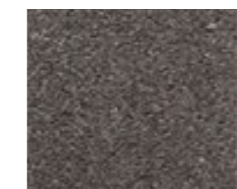
Coping Block
J4



Splitface on both opposite ends



Straw



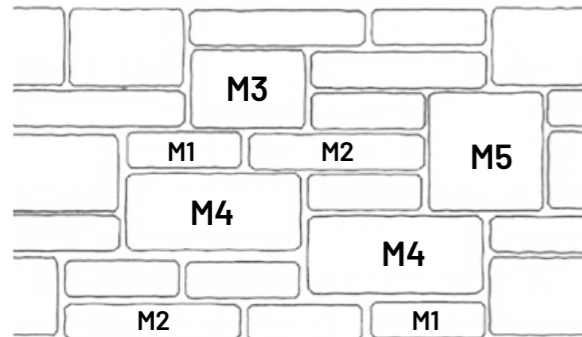
Whinstone



Natural

Laying Styles

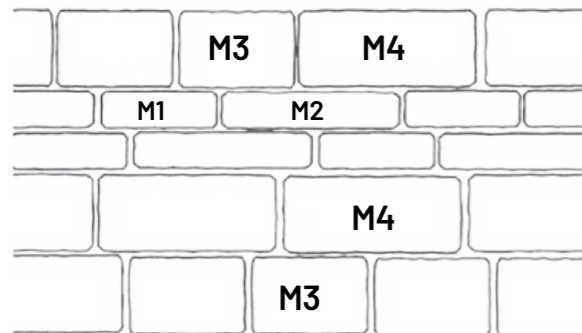
Random Bond (Using all 5 Stone Sizes)



Unit per m² - Random Bond

| Type | No. per m ² | % per m ² |
|-----------|------------------------|----------------------|
| M1 | 14 | 0.24 |
| M2 | 12 | 0.26 |
| M3 | 6 | 0.20 |
| M4 | 4 | 0.20 |
| M5 | 2 | 0.10 |

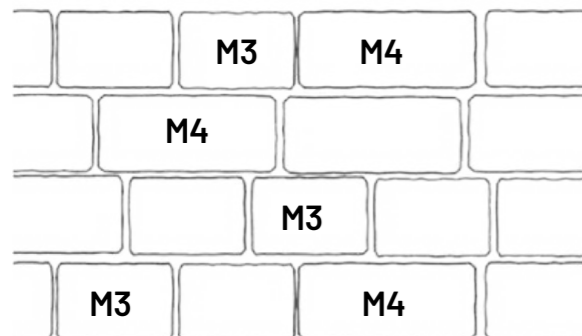
Double Course Bond (Using 4 Stone Sizes)



Unit per m² - Double Course Bond

| Type | No. per m ² | % per m ² |
|-----------|------------------------|----------------------|
| M1 | 6 | 0.20 |
| M2 | 6 | 0.20 |
| M3 | 10 | 0.33 |
| M4 | 8 | 0.27 |

Coursed Bond (Using 2 Stone Sizes)



Unit per m² - Coursed Bond

| Type | No. per m ² | % per m ² |
|-----------|------------------------|----------------------|
| M3 | 9 | 0.52 |
| M4 | 15 | 0.48 |

The three tables above represent the approximate, typical combination of unit sizes used in construction for each laying style.

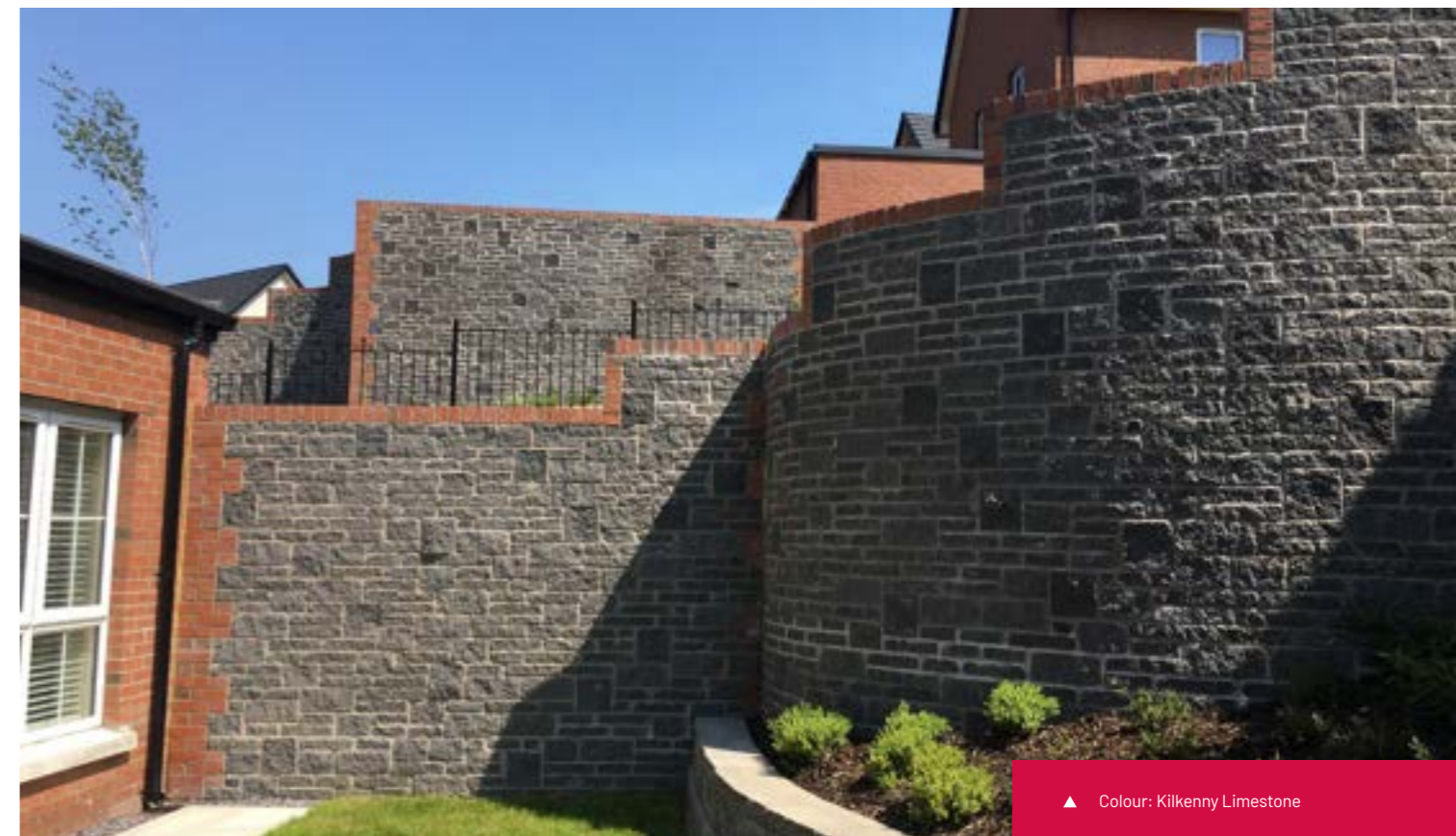


▲ Colour: Kilkeny Limestone

Technical Information

Specification & Properties

| | |
|--------------------------|--|
| Product Type | Concrete Block |
| Efflorescence | Nil |
| Installed to | BS5628-3:2005 |
| Manufactured to | BS EN 771-3 |
| Durability (Freeze/Thaw) | F2 (Severe Exposure) |
| Tolerances | Category D1 |
| Reaction to Fire | A1 |
| Thermal Conductivity | Protected 1.25 W/mK; Exposed 1.43 W/mK |
| Strength | 20N/mm ² |
| Density | 2150kg/m ³ |
| Shrinkage | Less than 0.06% |
| Water Absorption | Less than 6% at 24 Hours |



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Our Accreditations



Colinwell proudly holds Level 2+ Accreditation in Factory Production Control from the NSAI (National Standards Authority of Ireland). This certification supports our commitment to quality and consistency across our supply chain in the Republic of Ireland.



We are dedicated to delivering high quality products, exceptional service, and customer satisfaction. To support this commitment, we have developed robust Quality Management Systems, which have earned us the internationally recognised ISO 9001 Quality Management Accreditation.



Colinwell takes environmental responsibility seriously. Our materials have contributed to the construction of numerous landmark projects throughout the UK and Ireland. As part of our commitment to sustainable business practices, we hold ISO 14001 Environmental Management Certification - reflecting our efforts to minimise environmental impact and support future generations.



Colinwell's Martello Stone Walling carries CE Marking, demonstrating compliance with EU legislation and confirming that our products meet all applicable European health, safety, and environmental protection standards.



Colinwell

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Colinwell 
Masonry & Retaining Wall Products