



NI/ROI PRODUCT PORTFOLIO

**READY MIX
CONCRETE**



**BUILDING
PRODUCTS**



QUARRYING

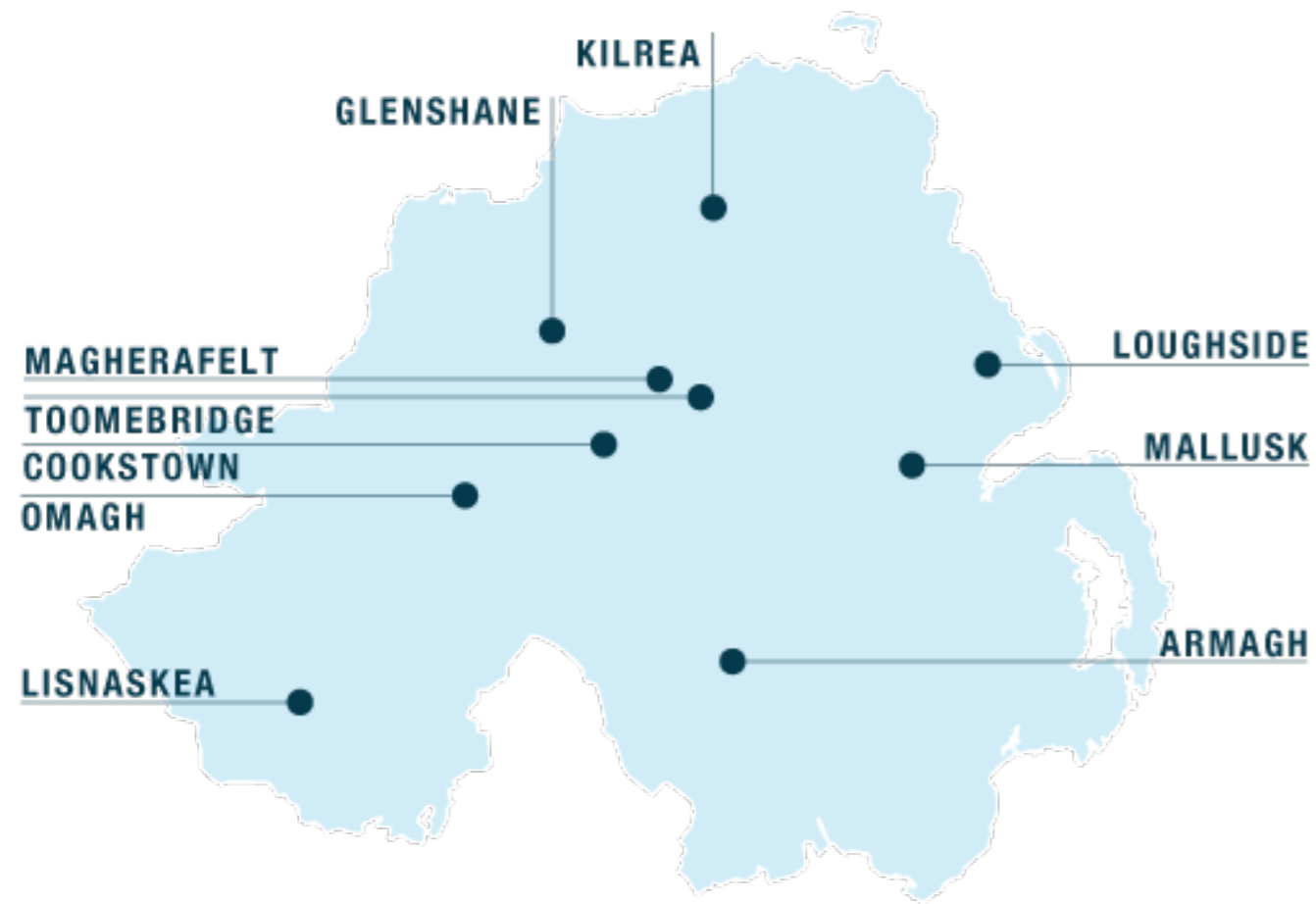


**NATURAL STONE
& PORCELAIN
PAVING**



**SURFACING
PRODUCTS**





With seven quarries, seven ready mix concrete plants, four precast concrete manufacturing plants and a sandpit situated across Northern Ireland, the geographical spread of FP McCann's facilities gives us the ability to meet the building material and concrete needs of a variety of industrial sectors.

FP McCann provides the following product categories: ready mix concrete, quarry stone and aggregates, building products, paving, bagged products, flooring, fencing, specialist solutions, bridges, precast concrete walling, agricultural and drainage products and surfacing products.

By applying the DfMA principles, FP McCann's design engineers are able to evaluate individual precast concrete products part by part, in addition to documenting the assembly process step by step. This allows them to generate the cost, part count and assembly time to provide a benchmark to measure its success and identify the parts and process improvement opportunities. In turn, this has allowed FP McCann to design and manufacture more cost-effective and efficient high-quality precast concrete products with less wastage and greater on-site recycling.

As a result, increased productivity, combined with a reduction in production time and costs, allows FP McCann to be more competitive within the marketplace.

Please note: all information is correct at time of going to print.



Ready Mix Concrete

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Established in 1945, FP McCann is a family-run company with its headquarters in Knockloughrim, outside Magherafelt. With fifteen precast manufacturing plants, ten in England, four in Northern Ireland and one in Scotland, FP McCann is the UK's largest precast concrete manufacturer.

In Northern Ireland, FP McCann is spread over the following eight divisions: Ready Mix Concrete, Quarrying, Precast Concrete, Dry Silo Mortar, Surfacing, Construction, Porcelain & Natural Stone Paving and FP McCann Homes. FP McCann is committed to providing high-quality, cost-effective and sustainable building material and concrete solutions tailored to meet clients' budgets and expectations.

All our operations are carried out under the auspices of our Integrated Management System, which includes a quality management system accredited to ISO 9001, an environmental management system accredited to ISO 14001 and an occupational health and safety management system accredited to ISO 45001. Our products comply with European and British Standards. We hold BSI kitemark accreditation for all products manufactured to BS 5911, BS EN 1916 and BS EN1917. Other accreditations include QSRMC certification, Achilles RISQS and UVDB Verify Category B2 and WRc approvals.

FP McCann is a member of many trade associations including Mineral Products Association Northern Ireland (MPANI), British Precast Concrete Federation, British Precast Drainage Association, British Precast Architectural & Structural Association, Pipe Jacking Association, Achilles RISQS, Achilles UVDB, National House Building Council (NHBC) and the British Precast Flooring Federation.

READY MIX CONCRETE



FP McCann supplies ready mixed concrete, mortar and screed solutions to the construction industry. All products are specifically designed for a wide range of applications including house building, industrial, commercial and agricultural applications. Our modern Ready Mix facilities use the very latest in computerised batching systems and are operated by a skilled and experienced workforce to ensure a consistent quality. FP McCann is a QSRMC registered company and holds a current a QSRMC certificate. The QSRMC regulations incorporate all the requirements of ISO 9001, BS EN 206-1 and BS 8500.

Ready Mix Concrete	
BS EN 206 Equivalent Strength	Example Applications
C8/10 (Gen1)	Foundations
C12/15 (Gen2)	Foundations
C16/20 (Gen 3)	Foundations/kerb mix
C20/25	Kerb mix/subfloor
C25/30	Kerbmix/subfloors/light domestic floors
C28/35	General industrial use
C28/35 Air Entrained (Pav1)	External yards - light traffic
C32/40 Air Entrained (Pav2)	External yards - heavy traffic
C32/40	Commerical & industrial
C40/50	Commerical & industrial

Please note this is a general guide only - if unsure always seek correct advice from a competent designer before choosing concrete

Further information can be viewed on our website: fpmccann.co.uk/ready-mix-concrete including the Ready Mix Calculator.



REGIONAL READY MIX DEPOTS



KNOCKLOUGHRIM QUARRY

3 Drumard Road, Knockloughrim, Magherafelt BT45 8QA | 028 7964 2558

MALLUSK DEPOT

140 Mallusk Road, Newtownabbey, BT36 4QN | 028 9083 0005

LOUGHSIDE QUARRY

146 Belfast Road, Larne, BT40 2PN | 028 2826 0824

OMAGH DEPOT

97 Spring Road, Omagh, BT79 0LA | 028 8077 1667

COOTE'S QUARRY ARMAGH

56 Redrock Road, Armagh, BT60 2BL | 028 3755 1126

CLARKE'S QUARRY LISNASKEA

105 Nutfield Road, Slush Hill, Lisnaskea BT92 0HP | 028 6772 1286

BRADLEY'S QUARRY KILREA

84 Cullyrammer Road, Kilrea, Coleraine, BT51 5YF | 028 2954 0285



QUARRY STONE/AGGREGATES

FP McCann's quarries supply a wide range of aggregate solutions to the construction industry within Northern Ireland. We supply loose aggregate for industrial, technical and aesthetic applications.

OUR RANGE OF QUARRY AGGREGATES INCLUDE:

- 3mm dust
- 6 / 10 / 14 / 20 / 28 / 32mm aggregate including Type 3
- 40 / 50 / 65 / 100 / 110mm Drainage Stone
- 25 / 40 / 50 / 65 / 100 / 150mm Crusher Run
- Blinding material
- 150-200mm Gabion Stone
- Rock Pitchers
- Recycled fill - crushed & uncrushed
- Concrete mix range
- Building / Concrete Sand
- Sand & Screenings

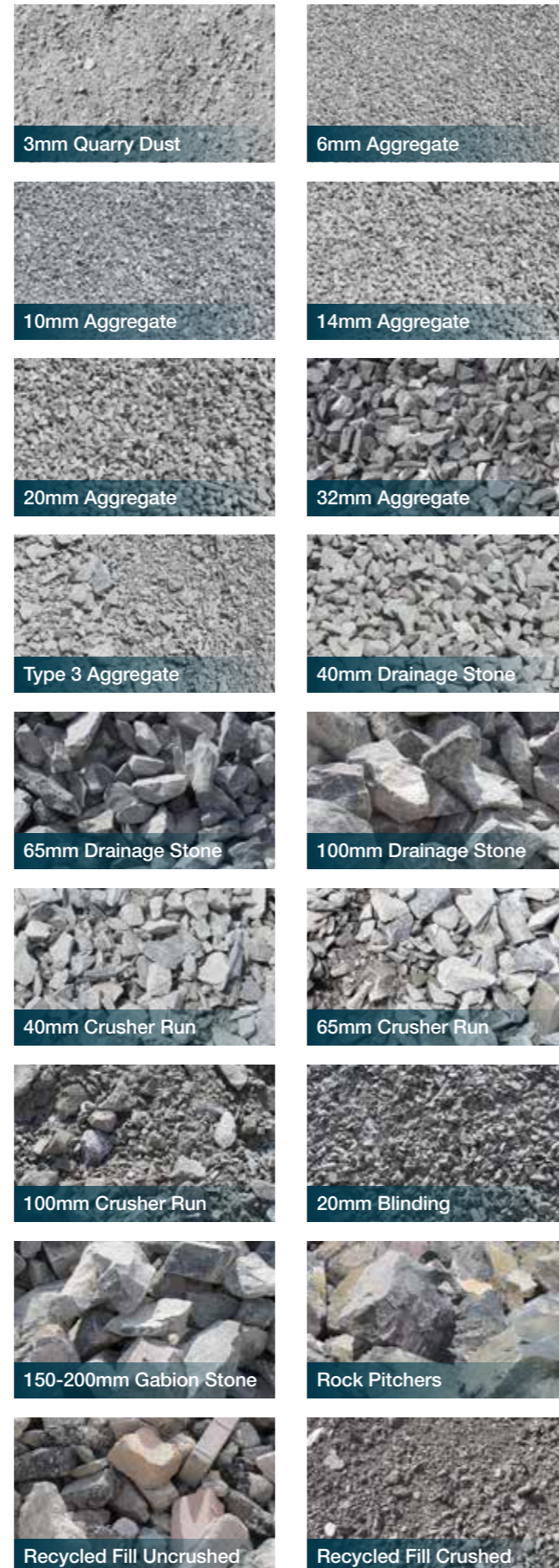
A full range of unbound granular material is excavated from our quarries and processed into various grades. A selection of bagged aggregate is available on request. Building and plastering sands and decorated coloured pebble are also available.

Our waste blocks, concrete, asphalt and stone are crushed and reprocessed to create a recycled product in compliance with 'The Quality Protocol for the production of Aggregates from Inert Waste'.



FP McCann's Loughside Quarry

QUARRY STONE / AGGREGATES



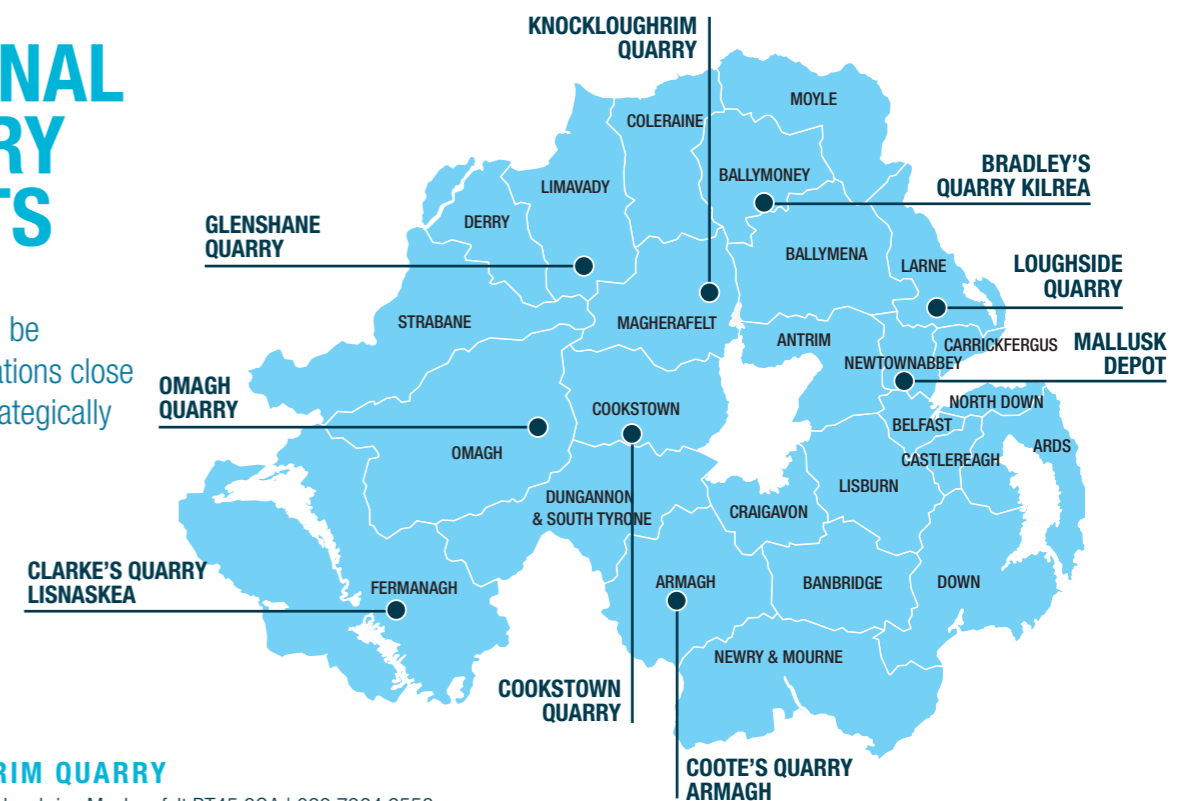
Due to limitations in the printing process, the colours shown may not match exactly the colour of your actual stone.



FP McCann's Knockloughrim Quarry and Precast Factory

REGIONAL QUARRY DEPOTS

All products can be delivered to locations close to any of our strategically based depots.



KNOCKLOUGHMIM QUARRY

3 Drumard Road, Knockloughrim, Magherafelt BT45 8QA | 028 7964 2558
Products Available: Aggregates / Blacktop / Recycled Fill

BRADLEY'S QUARRY KILREA

84 Cullyrammer Road, Kilrea, Coleraine BT51 5YF | 028 2954 0285
Products Available: Aggregates / Blacktop / Building Sand / Building Stone (Causeway) / Gabion Stone / Recycled Hardcore Products / Rock Boulders

MALLUSK DEPOT

140 Mallusk Road, Newtownabbey BT36 4QN | 028 9083 0005
Products Available: Blacktop

COOTE'S QUARRY ARMAGH

56 Redrock Road, Armagh BT60 2BL | 028 3755 1126
Products Available: Aggregates / Quarry Stone / Recycled Hardcore Products / Rock Boulders / Gabion Stone

COOKSTOWN QUARRY

Feegarron Road, Cookstown BT80 9QS | 028 8676 4803
Products Available: Aggregates / Railway Ballast

LOUGHSIDE QUARRY

146 Belfast Road, Larne BT40 2PN | 028 2826 0824
Products Available: Aggregates / Recycled Fill / Rock Boulders

CLARKE'S QUARRY LISNASKEA

105 Nutfield Road, Slush Hill, Lisnaskea BT92 0HP | 028 6772 1286
Products Available: Aggregates / Blacktop / Building Sand / Building Stone (Ennis) / Gabion Stone / Recycled Fill / Rock Boulders

OMAGH QUARRY

97 Spring Road, Omagh, BT79 0LA | 028 8077 1667
Products Available: Sand / Gravel

GLENSHANE QUARRY

946 Glenshane Road, Dungiven BT47 4SD | 028 7774 0533
Products Available: Aggregates / Recycled Fill

ROCK BOULDERS

FP McCann's rock boulder stone is renowned for its quality, purity and durability and can be used in areas where large voids need to be filled. It is ideal for use in commercial projects such as rock armour, to combat erosion by the sea or rivers, and bridge construction.

The rock boulders are extracted from our quarries throughout Northern Ireland and are available in various sizes to meet the requirements of your project.

Advantages are that the rock boulders are economical, suitable for rapid construction, and they are suitable in situations where the foundations are not good.



QUARRYING

GABION STONE

FP McCann's gabion stone is used to construct free-draining walls by filling large galvanised steel baskets* with broken stone.

The permeability and flexibility of gabion stone makes it ideal to use as a retaining wall and for erosion control, typically running next to rivers etc when the retained material is likely to be saturated and where the bearing quality of the soil is poor. Gabion baskets can also be used as a decorative retaining feature in domestic and commercial properties. Our processes conform to the most stringent quality standards to ensure maximum strength and durability is achieved and resistance to weathering of the stone fill.

* Steel baskets are not supplied by FP McCann

PRODUCT AVAILABILITY

DEPOT	Rock Boulders	Gabion Stone
Bradley's, Kilrea	•	•
Clarke's, Lisnaskea	•	•
Coote's, Armagh	•	•
Loughside	•	



BUILDING STONE



CAUSEWAY STONE

FP McCann provides two types of high quality building stone:

ENNIS STONE

This unique, blue-grey limestone building stone offers a timeless elegance and a guaranteed appearance and structure, harvested from our Clarke's Quarry in Lisnaskea. It can be supplied in one tonne bags, equivalent to approximately 3m², and delivered loose (bulk), bagged, random picked or guillotined. For further details, please contact our Clarke's Quarry sales team.

CAUSEWAY STONE

FP McCann's basalt building stone is un-guillotined and is available from our Loughside Quarry and Bradley's Quarry in Kilrea. For further details, please contact our Bradley's Quarry or Loughside Quarry sales team.

BUILDING STONE APPLICATIONS

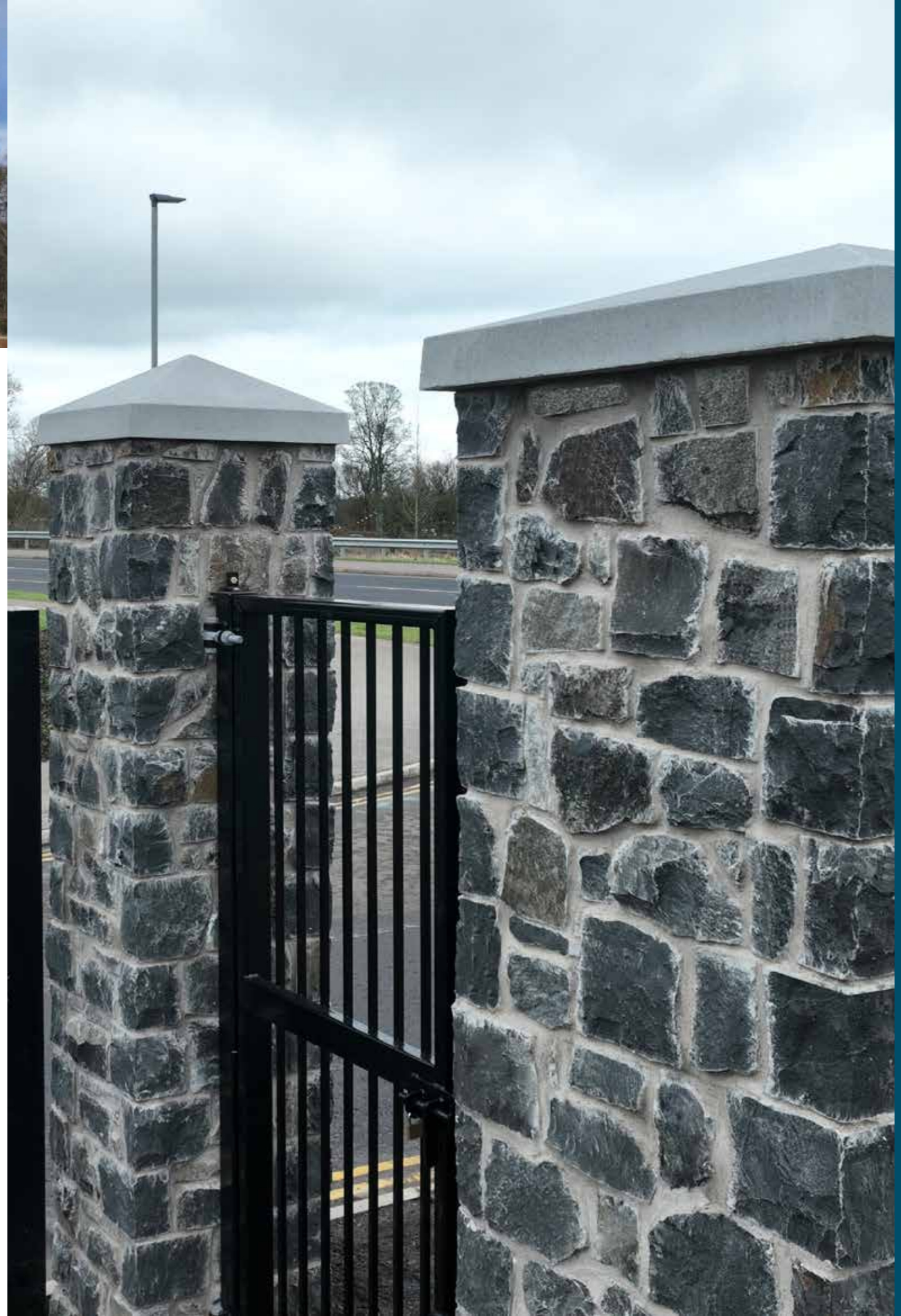
- External walls for homes
- Buildings
- Garden features
- Internal design elements
- Feature fireplaces



ENNIS STONE



ENNIS STONE



DRY SILO MORTAR M4



FP McCann's silo mortar provides an efficient mortar solution to a wide range of external and internal works, dependent on structural requirements.

The dry mortar mix consists of cement, sand and admixtures and is delivered in bulk tankers to site and stored in our portable, sealed silo that has a built-in automated mixing system. Once water and power has been connected to the mixing unit on-site, the dry mortar is mixed with water at the push of a button, resulting in a consistent high-quality mix that is easy to use.

THE BENEFITS

QUALITY ASSURED

- FP McCann's mortar silos produce a consistent mix that delivers a constant high quality finish and conforms to BS EN 998-2 standard mortar strength.

COST-EFFECTIVE

- Reduced long-term costs - Potential for zero waste, fewer deliveries and less manpower required.
- Less space required on-site in comparison to traditional mixing methods with covered cement and fine aggregate storage.

INCREASED PRODUCTIVITY

- Ready-made mortar means less time mixing and more time applying.
- No need to retard mix.

CONSISTENT STRENGTH AND WORKABILITY

- Computer-controlled mixing provides a constant reliable consistency.

ENVIRONMENTALLY FRIENDLY

- The large silo capacity means fewer deliveries and less environmental impact.
- Less noise pollution compared to using traditional mixers.
- Zero packaging on-site.
- Reduced use of plastic packaging from manufacturing to point of use.
- No risk of leakage of liquid mortar mix as opposed to traditional mixing methods. Eliminates risks of storing chemical admixtures on-site.

APPROXIMATE SPREAD RATES

Building Mortar	
1 tonne of building mortar when mixed will lay (10mm joint):	
Approx 1300no.	Standard bricks
Approx 650no.	9x4 standard block on edge
Approx 350no.	9x4 standard block on flat

Product Information	
Form	Granular
Colours	Grey
Maximum Aggregate Size	3mm
Safety Information	Irritant – read Health & Safety information prior to use
Cleaning	Clean equipment using water or, if the product has set, using mechanical means, as necessary
Shelf Life	Up to 3 months in site silos

Technical Information		
Proportions	Equivalent Strength Class	M4
	Typical Compressive Strength	6 MPa
	Prescribed Proportions by volume	6:1 - Sand:Cement
	Prescribed Proportions by weight	Portland Cement 13.5% Aggregates 86.5% Air Entraining Agent 0.025%
Working Time	Typically remains usable for up to 4 hours, depending on conditions	

APPLICATIONS

- Brick, block, stone, paving slab laying
- General masonry repairs
- Bedding
- Repointing

DRY SILO MORTAR M6

Product Information	
Form	Granular
Colours	Grey
Maximum Aggregate Size	3mm
Safety Information	Irritant – read Health & Safety information prior to use
Cleaning	Clean equipment using water or, if the product has set, using mechanical means, as necessary
Shelf Life	Up to 3 months in site silos

Technical Information		
Proportions	Equivalent Strength Class	M6
	Typical Compressive Strength	6 MPa
	Prescribed Proportions by volume	4:1 - Sand:Cement
	Prescribed Proportions by weight	Portland Cement 20% Aggregates 79.9% Air Entraining Agent 0.025%
Working Time	Typically remains usable for up to 4 hours, depending on conditions	

APPROXIMATE SPREAD RATES

Building Mortar	
1 tonne of building mortar when mixed will lay (10mm joint):	
Approx 1300no.	Standard bricks
Approx 650no.	9x4 standard block on edge
Approx 350no.	9x4 standard block on flat



DRY SILO MORTAR M12



Product Information	
Form	Granular
Colours	Grey
Maximum Aggregate Size	3mm
Safety Information	Irritant – read Health & Safety information prior to use
Cleaning	Clean equipment using water or, if the product has set, using mechanical means, as necessary
Shelf Life	Up to 3 months in site silos

APPROXIMATE SPREAD RATES

Building Mortar	
1 tonne of building mortar when mixed will lay (10mm joint):	
Approx 1300no.	Standard bricks
Approx 650no.	9x4 standard block on edge
Approx 350no.	9x4 standard block on flat



Technical Information		
Proportions	Equivalent Strength Class	M12
	Typical Compressive Strength	12 MPa
	Prescribed Proportions by volume	3:1 - Sand:Cement
	Prescribed Proportions by weight	Portland Cement 23.5% Aggregates 76.4% Air Entraining Agent 0.025%
Working Time	Typically remains usable for up to 4 hours, depending on conditions	



STREET SCREED

FP McCann's street screed is a granular based concrete, primarily used as a base for natural stone and concrete paving in private and commercial projects.

The street screed is delivered directly to site in our bulk silos. During install, the water flow to the silo will be set, allowing the built-in automatic mixing system to mix the street screed to the desired consistency. This ensures a consistent, high-quality screed that is quick and convenient to use.

Our street screed mix consists of cement and sand, and is designed to meet the requirements of BS7533 Part 7:2010 which is primarily used for designing pavements in town centres, eg: Public Realms / Environmental Improvements / Regeneration Schemes.

Product Information	
Form	Granular
Colours	Grey
Maximum Aggregate Size	6mm
Safety Information	Irritant – read Health & Safety information prior to use
Cleaning	Clean equipment using water or, if the product has set, using mechanical means, as necessary
Shelf Life	Up to 3 months in site silos

WHY USE STREET SCREED?

QUALITY ASSURED

- FP McCann's street screed is produced in a factory controlled environment, meaning consistent high-level quality
- Our street screed conforms to BS7533 Part 7:2010, primarily used for designing pavements for public realms, environmental improvement and regeneration schemes

COST-EFFECTIVE & CONVENIENT

- Reduced long-term costs - Potential for zero waste, fewer deliveries and less manpower required.
- Less space required on-site in comparison to traditional mixing methods with covered cement and fine aggregate storage.

INCREASED PRODUCTIVITY

- Quick and convenient to use – just add water
- No need to retard mix.

CONSISTENT STRENGTH

- Computer-controlled mixing provides a constant reliable consistency.

ENVIRONMENTALLY FRIENDLY

- The large silo capacity means fewer deliveries and therefore, less environmental impact.
- Less noise pollution is produced compared to using traditional mixers.
- Zero packaging on-site. Less plastic packaging is used from manufacturing to point of use.
- No leakage-risk of liquid mortar mix compared to traditional mixing methods. As a result, this eliminates the risk of storing chemical admixtures on-site.

BAGGED PRODUCTS



GENERAL PURPOSE MORTAR

APPLICATIONS

- Brick & block laying
- Pointing & patching
- General repairs & maintenance

FEATURES

- Available in 20kg bags
- Consistent factory produced high-level quality
- Quick and convenient to use – just add water
- All material required is contained within this bag
- Can be mixed by hand or with traditional mechanical mixer
- Showerproof, recyclable plastic packaging



GENERAL PURPOSE CONCRETE

APPLICATIONS

- Maintenance & repairs
- Paths & Steps
- Foundations & Garden shed bases

FEATURES

- Available in 20kg bags
- Consistent factory produced high level quality
- Quick and convenient to use – just add water
- All material required is contained within this bag
- Can be mixed by hand or with traditional mechanical mixer
- Showerproof, recyclable plastic packaging



HIGH PERFORMANCE CONCRETE

APPLICATIONS

- Concrete bases for sheds and greenhouses
- Can be used for external and internal applications
- Maintenance and repair projects
- Steps
- Pathways
- Structural concrete

FEATURES

- Simple to use
- 40N strength in 28 days
- Factory produced product, meaning premium and consistent quality
- Can be mixed by hand or with traditional mechanical mixer
- Showerproof, recyclable plastic packaging

POSTMIX

APPLICATIONS

- Gate Posts
- Fence Posts
- Line Posts
- Rotary Lines

FEATURES

- Available in 20kg bags
- Consistent factory produced high level quality
- All material required is contained within this bag
- Just add water - no mixing needed
- Showerproof, recyclable plastic packaging



ROOF TILE BEDDING MORTAR

APPLICATIONS

- FP McCann Roof Tile Bedding Mortar is specifically designed for bedding clay and concrete roof tiles. It is available as both a natural coloured material and in a range of colours coordinating with standard roof tiles.

FEATURES

- Available in 20kg bags
- Consistent factory produced high level quality
- All material required is contained within this bag
- Just add water and mix
- Showerproof, recyclable plastic packaging





HIGH STRENGTH BEDDING MORTAR

APPLICATIONS

- FP McCann High Strength Bedding Mortar is a blend of carefully selected sands, cements and additives to give a high strength, low shrinkage, easy to finish precast installation mortar. It is chloride-free and safe to use with steel reinforcement to pack and fill gaps from 10 to 75mm providing structural support without the need for shuttering.

FEATURES

- Available in 20kg bags
- Consistent factory produced high level quality
- All material required is contained within this bag
- Just add water and mix
- Showerproof, recyclable plastic packaging



PAVING BEDDING MORTAR

APPLICATIONS

- FP McCann Paving Mortar is engineered for versatility and strength, making it the ideal choice for a wide range of paving projects. Whether you're working on a domestic patio or a heavy-duty public realm installation, this mortar delivers exceptional performance and durability.

FEATURES

- Available in 20kg bags
- Consistent factory produced high level quality
- Traffic Ready Performance
- Enhanced Bonding
- Showerproof, recyclable plastic packaging

HIGH PERFORMANCE GROUT

APPLICATIONS

- FP McCann's High Performance Grout is a high flow, non-shrink, non-corrosive cementitious grout designed for superior strength and durability. Manufactured in a factory controlled environment, it ensures consistent quality for demanding construction applications.

FEATURES

- Available in 20kg bags
- Consistent factory produced high level quality
- High Flow and Penetration
- Exceptional Strength
- Showerproof, recyclable plastic packaging



PAVING GROUT

APPLICATIONS

- FP McCann Paving Grout is a professional grade slurry grout designed for fast installation, excellent durability and a clean consistent finish. Perfect for stone, clay, concrete and porcelain paving, this grout delivers exceptional strength and long term performance in even the most demanding environments.

FEATURES

- Available in 20kg bags
- Consistent factory produced high level quality
- Rapid Setting
- Designed to meet BS7533
- Showerproof, recyclable plastic packaging



THIXOTROPIC PUMPABLE MORTAR

APPLICATIONS

- FP McCann Thixotropic Pumpable Mortar is a blend of carefully selected sands, cements and additives to give a high strength, low shrinkage, easy to use precast installation jointing mortar. It is chloride-free and safe to use with steel reinforcement to pack and fill gaps from 10 to 100mm.

FEATURES

- Available in 20kg bags
- Consistent factory produced high level quality
- All material required is contained within this bag
- Just add water and mix
- Showerproof, recyclable plastic packaging



PRIMING SLURRY

APPLICATIONS

- FP McCann Priming Slurry is a specialist bonding mortar designed to create a strong, durable bond between paving units and paving mortar. Engineered to meet BS 7533 standards, it delivers adhesive strength greater than 2MPa, making it ideal for public realm projects, carriageways, paths, and patios.

FEATURES

- Available in 20kg bags
- Consistent factory produced high level quality
- Superior Bond Strength
- Versatile Compatibility
- Showerproof, recyclable plastic packaging



EASI-REPAIR COLD LAY TARMAC

APPLICATIONS

- FP McCann's Easi-Repair™ Cold Lay Tarmac is a high quality, ready to use asphalt mix designed for fast, efficient and long lasting repairs. Whether you're fixing a pothole, patching a driveway or repairing a footpath, Easi-Repair™ provides a professional grade finish without the need for specialist tools, mixing or heating.

FEATURES

- Available in 20kg bags
- Available in a 6mm and 10mm aggregate
- Consistent factory produced high-level quality
- Quick and convenient to use – just add water
- All material required is contained within this bag
- Showerproof, recyclable plastic packaging

RAPID SET BEDDING MORTAR

APPLICATIONS

- Ideal for installation of all access covers, for the bedding of street and highway ironwork conforming to BS EN 124 and for the rapid installation of setts, flags and kerbs.

FEATURES

- Available in 20kg bags
- Consistent factory produced high level quality
- Rapid Setting for Minimal Downtime
- High Early Strength
- Showerproof, recyclable plastic packaging



RAPID SET BACKFILL CONCRETE

APPLICATIONS

- FP McCann's Rapid Set Backfill Concrete is a premium blend of selected aggregates, cement, and additives designed for fast-setting, high-strength applications. Ideal for reinstating access covers, gullies, and thick section repairs, this product allows traffic after just two hours, ensuring minimal disruption and maximum efficiency.

FEATURES

- Available in 20kg bags
- Consistent factory produced high level quality
- Consistent Quality
- Long Term Durability
- Showerproof, recyclable plastic packaging



COMING SOON



LANDSCAPING TUBBED PRODUCTS



BRUSH IN JOINTING COMPOUND

APPLICATIONS

FP McCann's Brush-In Jointing Compound is a high-performance, ready-to-use sweep-in jointing compound for filling paving joints in pedestrian areas. Available in four standard colours achieved from natural sands: Natural Buff, Mid Grey, Dark Grey and Jet Black.

FEATURES

- Flexible Installation Finish
- Consistent factory produced high level quality
- Naturally Weed Resistant Finish
- Fast Low Temperature Curing
- Showerproof, recyclable plastic packaging

PORCELAIN BRUSH-IN GROUT

APPLICATIONS

FP McCann's Porcelain Brush-In Grout is an ultra high-performance, ready-to-use brush-in jointing compound designed for porcelain and premium paving. Formulated for fast low-temperature curing, excellent water resistance and narrow joints, it creates durable, weed free and frost resistant paving joints suitable for pedestrian traffic. Available in: Natural Buff, Light Grey, Mid Grey, Dark Grey and Jet Black

FEATURES

- Perfect for Narrow Joints and Large Format Paving
- Consistent factory produced high level quality
- Superior Water Resistance
- Colour Stability and Aesthetic Appeal
- Showerproof, recyclable plastic packaging



TWO PART EPOXY RESIN GROUT

APPLICATIONS

FP McCann's 2 Part Epoxy Resin Grout is a market-leading jointing solution designed for paving subject to light to medium vehicle traffic up to 18 tonnes. This advanced grout flows easily into joints, self-compacts, and cures to form a durable, long-lasting, weed-free, and frost-resistant joint. It is suitable for all types of natural stone and concrete paving and resists pressure washers and mechanical sweepers.

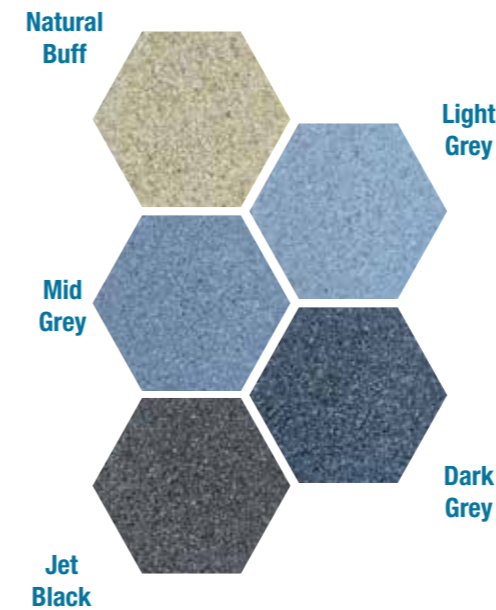
FEATURES

- Easy Application
- Consistent factory produced high level quality
- Strength that Lasts
- Hassle- Free Maintenance
- Showerproof, recyclable plastic packaging

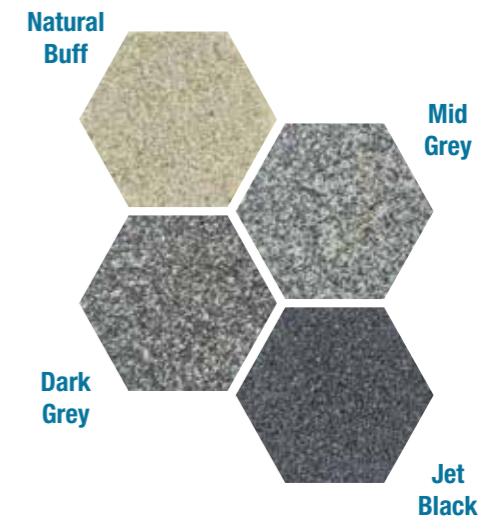


PEDESTRIAN PAVING GROUT

BRUSH IN JOINTING COMPOUND

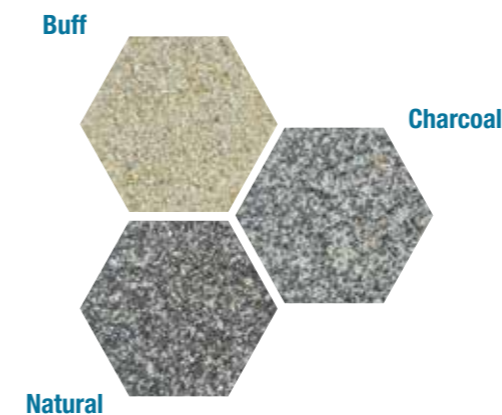


PORCELAIN BRUSH-IN GROUT



VEHICULAR PAVING GROUT

PAVING GROUT



TWO PART EPOXY RESIN GROUT





NATURAL STONE & PORCELAIN PAVING

FP McCann is proud to introduce our latest paving ranges, meticulously crafted to inspire and elevate outdoor spaces. Whether you are looking to create a sleek modern patio or a timeless garden hideaway, our new paving options provide the perfect solutions to help bring your vision to life.

As with all FP McCann products, these new paving ranges come with the assurance of quality that only a company with a rich heritage can offer.

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LANDSCAPE PORCELAIN

20MM PAVING

OVERVIEW

Seamlessly connect your indoor and outdoor spaces with FP McCann's 20mm Landscape Porcelain Paving.

Featuring a smooth, flat surface, this porcelain tile requires minimal maintenance and is versatile enough for both interior and exterior use.

The Landscape Porcelain Paving range comes in four contemporary colours, each with subtle tonal variations that add a modern and distinctive look to your space.



AVAILABLE IN:



Ivory



Cream



Grey



Black Slate

ACTUAL SIZE:

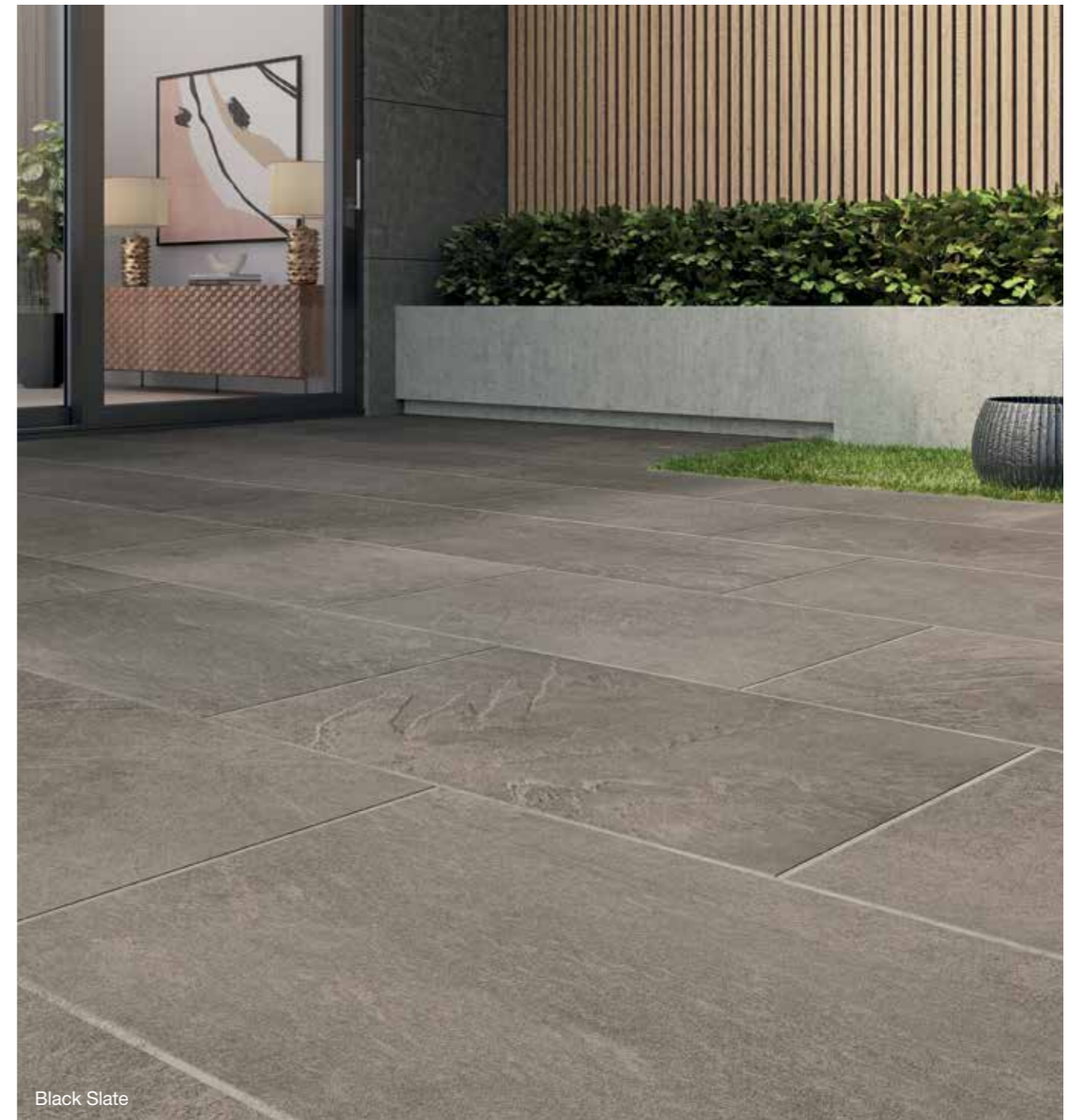


900mm x 600mm

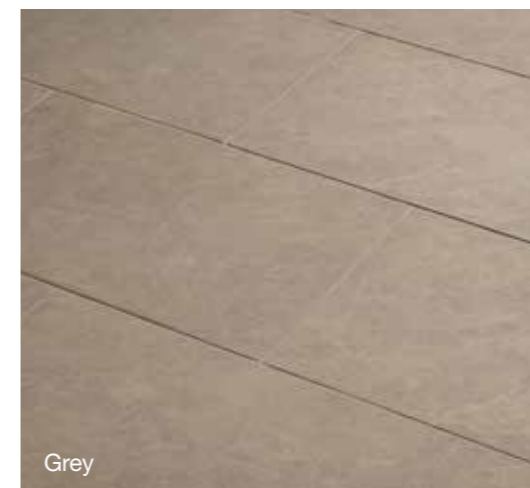
SINGLE SIZE PACK

Laid Size (LxWxD)	Units	Coverage	Weight	Colours
910mm x 610mm x 20mm	40	22.20m ²	1015 kg	All

Note: Laid paving sizes include a pointing of 10mm between tiles.



Black Slate



Grey



Ivory

ESSENTIAL PORCELAIN

16MM PAVING

OVERVIEW

Offering the same smooth, flat surface and low-maintenance benefits as our Landscape Porcelain range, the 16mm range is more affordable without compromising on quality.

The Essential Porcelain Paving collection is available in four contemporary colours, each featuring subtle tonal variations that bring a modern and distinctive touch to any space.



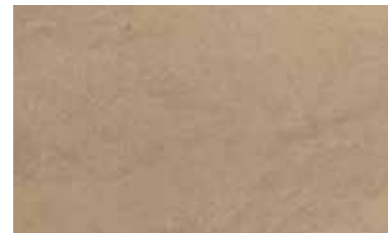
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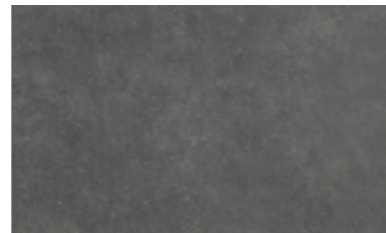
Pearl



Beige



Grey



Onyx Black

ACTUAL SIZE:



900mm x 600mm

SINGLE SIZE PACK

Laid Size (LxWxD)	Units	Coverage	Weight	Colours
910mm x 610mm x 16mm	50	27.76m ²	1015 kg	All

Note: Laid paving sizes include a pointing of 10mm between tiles.



Grey



Onyx Black



Pearl

INDIAN SANDSTONE

RIVEN PAVING

OVERVIEW

With its natural riven finish, Indian Sandstone offers a perfect blend of durability and affordability, making it an ideal choice for any residential paving.

Available in three natural colour variations and hand-cut for a rustic finish, this paving product not only adds charm to your space, but with slabs that are calibrated to a uniform thickness, it achieves faster, more efficient installation that also exceeds the technical standards set by British Standard BS 7533-101 Code of Practice for design and installation.



AVAILABLE IN:



Grey Blend



Buff Blend



Brown Blend

CUT SIZES:



900mm x 600mm



600mm x 600mm



600mm x 290mm



290mm x 290mm

SINGLE SIZE PACK

Laid Sizes (LxWxD)	Units	Coverage	Weight	Colours
910mm x 610mm x 18mm	37	20.65m ²	955 kg	All

PROJECT PACK

Laid Sizes (LxWxD)	Units	Coverage	Weight	Colours
910mm x 610mm x 18mm	17	20.93m ²	970 kg	All
610mm x 610mm x 18mm	17			
610mm x 300mm x 18mm	18			
300mm x 300mm x 18mm	19			

Note: Laid paving sizes include a pointing of 10mm between tiles.



Grey Blend



Buff Blend



Brown Blend

INDIAN SANDSTONE

SAWN PAVING

OVERVIEW

The Indian Sandstone Sawn collection features responsibly sourced sandstone, ideal for bringing natural charm to your garden.

Due to its subtle scope of colour selection, this range offers a cool and varied palette once installed. Each tile is produced to an accurate tolerance for a modern aesthetic.

Available in a popular four-size project pack and options in three shades, Indian Sandstone Sawn is an excellent choice for those seeking the elegance of sawn stone at an affordable price.



AVAILABLE IN:



Buff Blend



Brown Blend



Grey Blend

CUT SIZES:



905mm x 600mm



600mm x 600mm



600mm x 295mm



295mm x 295mm

SINGLE SIZE PACK

Laid Sizes (LxWxD)	Units	Coverage	Weight	Colours
915mm x 610mm x 18mm	37	20.65m ²	955 kg	All

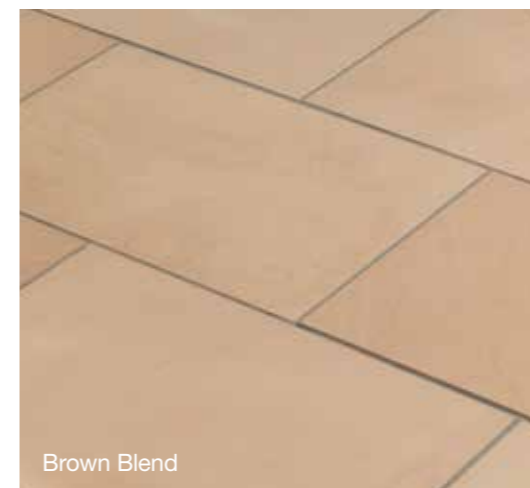
PROJECT PACK

Laid Sizes (LxWxD)	Units	Coverage	Weight	Colours
915mm x 610mm x 18mm	17	20.93m ²	970 kg	All
610mm x 610mm x 18mm	17			
610mm x 305mm x 18mm	18			
305mm x 305mm x 18mm	19			

Note: Laid paving sizes include a pointing of 10mm between tiles.



Buff Blend



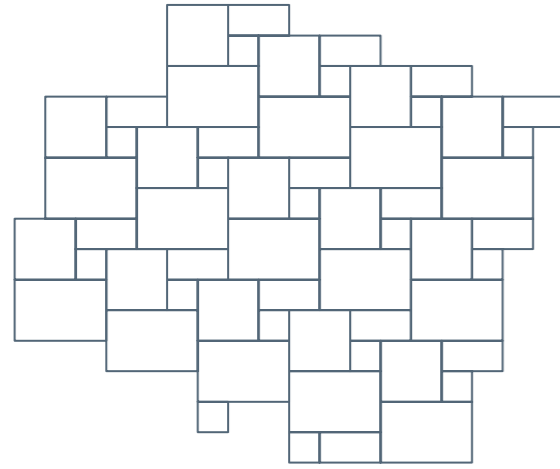
Brown Blend



Grey Blend

LAYING PATTERNS

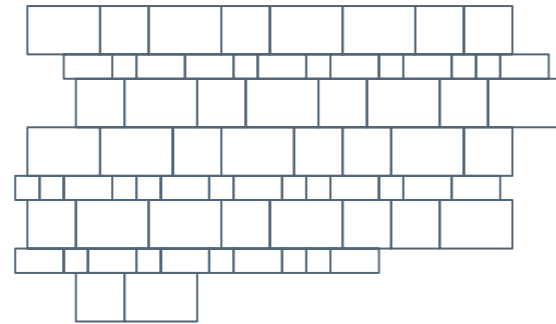
PATTERN A



SUITABLE FOR:

- Natural Sandstone - Riven Paving
- Natural Sandstone - Sawn Paving

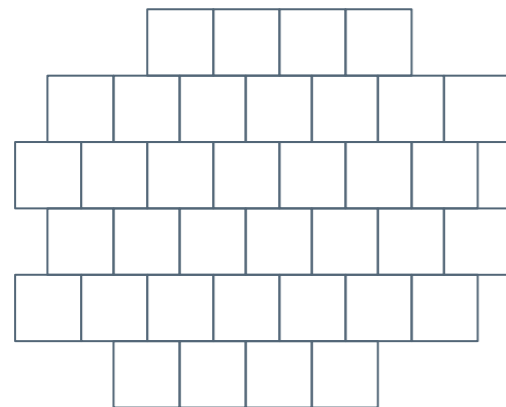
PATTERN B



SUITABLE FOR:

- Natural Sandstone - Riven Paving
- Natural Sandstone - Sawn Paving

PATTERN C



SUITABLE FOR:

- Natural Sandstone - Riven Paving
- Natural Sandstone - Sawn Paving
- Landscape Porcelain - 20mm Paving
- Essential Porcelain - 16mm Paving

IMPORTANT GUIDANCE TO CONSIDER WHEN LAYING SANDSTONE OR PORCELAIN PAVING SLABS

Laying sandstone or porcelain paving slabs requires careful preparation and execution to ensure a durable and aesthetically pleasing result.

Below is a detailed guide for both types of paving:

PLANNING AND DESIGN

Survey the Area: Measure and mark out the area to be paved. Plan the layout, considering patterns, spacing, and any cuts needed.

Check Drainage: Ensure proper drainage to avoid water pooling. The area should have a slight slope away from structures.

PREPARATION

Remove Old Paving: Clear the area of any existing paving, debris, or vegetation.

Excavate the Area: Dig to a depth accommodating the base material and paving slabs (typically 150-200mm).

Add a Sub-base: Lay and compact a layer of sub-base material such as crushed stone or gravel for a stable foundation.

BASE AND BEDDING

Bedding for Sandstone: Use sharp sand for sandstone slabs, laid to 30-50mm depth. Level and compact it.

Mortar Bedding for Porcelain and Sandstone: FP McCann Paving Bedding Mortar is a fine bedding mortar specifically formulated to provide exceptional performance with all types of paving applied to a depth of about 10-20mm. Ensure it's level and well-compacted.

LAYING THE PAVING SLABS

To ensure that your paving bonds well to your bedding mortar, use FP McCann Priming Slurry or an equivalent product on the back of your slabs. This polymer-modified bonding mortar and slurry primer is specifically formulated to provide an exceptional bond between all types of stone, concrete, and porcelain paving and the FP McCann Paving Bedding Mortar.

Start Position: Begin laying from one corner or edge, working systematically.

Place and Press: Set each slab into the base, pressing down firmly.

Check Alignment: Regularly check that each slab is level and aligned correctly.

Maintain Consistent Gaps: Leave a gap between slabs - typically 10mm for sandstone paving and 10mm for porcelain mortar.

CUTTING AND FITTING

Cutting Slabs: For porcelain, use a masonry saw or angle grinder, and for sandstone, a chisel or diamond blade. Ensure cuts are clean and accurate.

Fitting: Test-fit cuts before securing to ensure a proper fit.

JOINTING

Sand Jointing (Sandstone): Brush dry jointing sand into the gaps. Compact the sand with a broom or plate compactor.

Mortar Jointing (Porcelain): Apply FP McCann Paving Grout or an alternative mortar mix to fill the joints. Smooth and clean off any excess mortar before it sets.

FINISHING TOUCHES

Clean the Surface: Remove any excess mortar or sand. For porcelain, use a mild cleaner to avoid damaging the surface. For sandstone, a soft brush and water are usually sufficient.

Seal the Paving: This is optional but recommended. Use a sealant appropriate for the material to enhance durability and appearance.

MAINTENANCE

Regular Cleaning: Sweep and wash the surface regularly. Avoid harsh chemicals.

Inspect for Damage: Check for any shifting or damage and address issues promptly to maintain the integrity of the paving.

ADDITIONAL CONSIDERATIONS

Sandstone Considerations: Sandstone can be porous and may need sealing to prevent staining and water absorption.

Porcelain Considerations: Porcelain is more resistant to staining and weathering but can be slippery when wet; choose a suitable slip-resistant surface if this is a concern.

Following these guidelines can help you achieve a high-quality finish, whether working with sandstone or porcelain paving slabs.

DRIVEWAY SURFACING

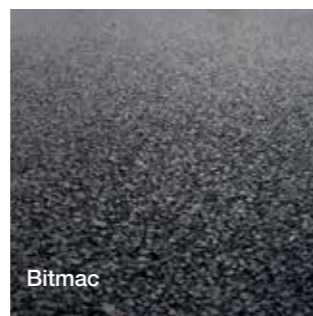
As a leading civil engineering and asphalt contractor, FP McCann has many years of experience in surfacing driveways in the North and South of Ireland.

FP McCann provides extensive residential and commercial surfacing solutions and specialises in the provision of bitmac and asphalt. The latter is available in red chip and black chip. As well as offering a bespoke service, we can also manage each project from start to finish. This includes preparation, supply and installation of material to ensure you get the best service and quality throughout. All work conforms to relevant British and European Standards.

FP McCann is a CDM compliant contractor and can protect our clients from potential high risk incidents. For further information, please go to: www.hse.gov.uk/pubns/cis80.pdf

For further information on FP McCann's surfacing solutions, contact the sales team based at any of the following locations:

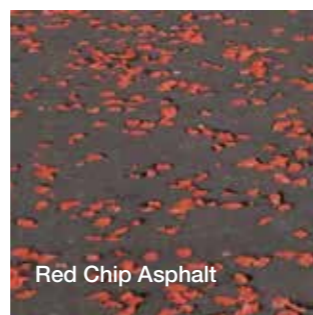
LOCATION	TELEPHONE
Kilrea	028 2954 0285
Knockloughrim	028 7964 2558
Lisnaskea	028 6772 1286
Mallusk	028 9083 8907



Bitmac



Stone Mastic Asphalt



Red Chip Asphalt



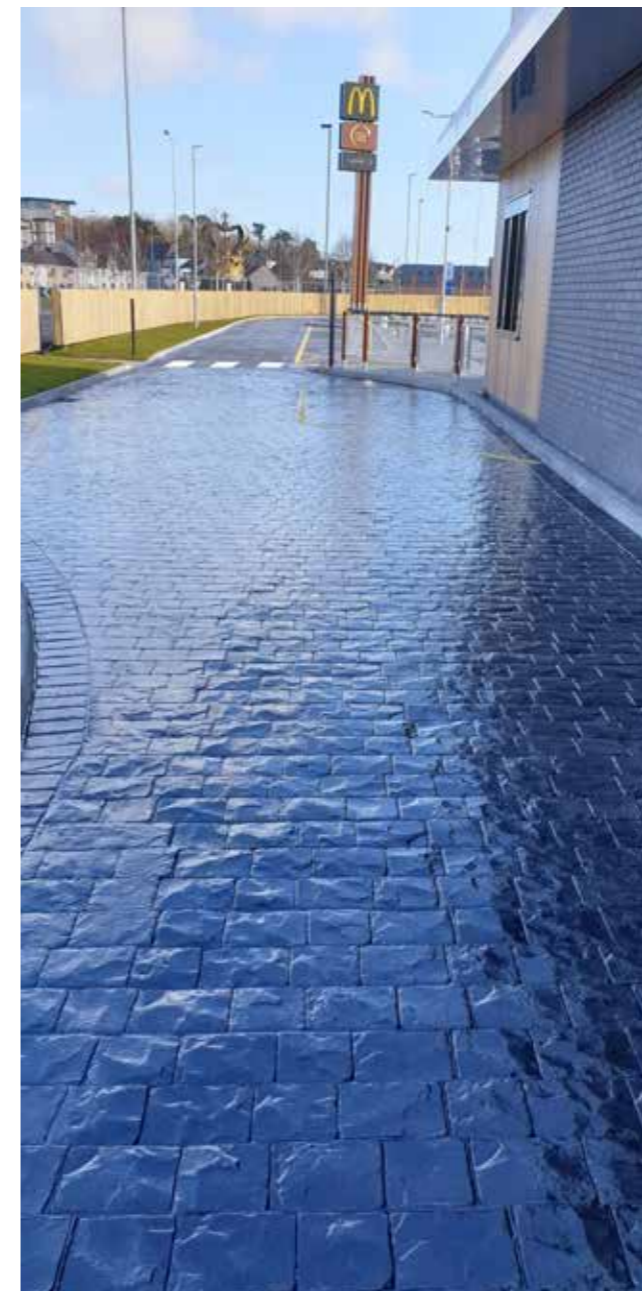
Black Chip Asphalt



COLOURED CONCRETE

FP McCann's Coloured Concrete offers a decorative alternative to standard Ready Mix Concrete.

Pigment is added to our concrete mix, creating a coloured finish with the same strength and durability as our standard ready mix. The dyed concrete can also be stamped with a slab-effect imprinting template, giving the look of paving without the need for grout or individual slabs. This product can be used in a wide range of domestic and commercial applications with a number of different colours and stamped finishes available.



PRODUCT APPLICATIONS

- Domestic driveways
- Patios and pathways
- Pavements and footpaths
- Public spaces and commercial areas

PRODUCT BENEFITS

- Minimum joints except for expansion joints
- No weeds/moss within joints (paving)
- Long life with minimum aftercare
- Fuel resistant
- Suitable for areas with restricted access
- Aesthetic appearance
- Choice
- Durability
- Low maintenance
- Safety

For further information on FP McCann's Coloured & Imprinted Concrete, contact the sales team based at any of the following locations:

LOCATION	TELEPHONE
Armagh	028 3755 1126
Kilrea	028 2954 0285
Knockloughrim	028 7964 2558
Lisnaskea	028 6772 1286
Loughside/Larne	028 2826 0824
Mallusk	028 9083 0005

CONCRETE EXPOSED

FP McCann's concrete exposed combines the beauty of natural coloured aggregate with the strength and durability of ready mix concrete. It can be used in a wide range of domestic and commercial applications with a number of different styles available.



APPLICATIONS

Concrete Exposed is available in a broad pallet of colours and is ideal in many scenarios including:

- Domestic driveways
- Patios and pathways
- Pavements and footpaths
- Public spaces and commercial areas

STYLES AVAILABLE

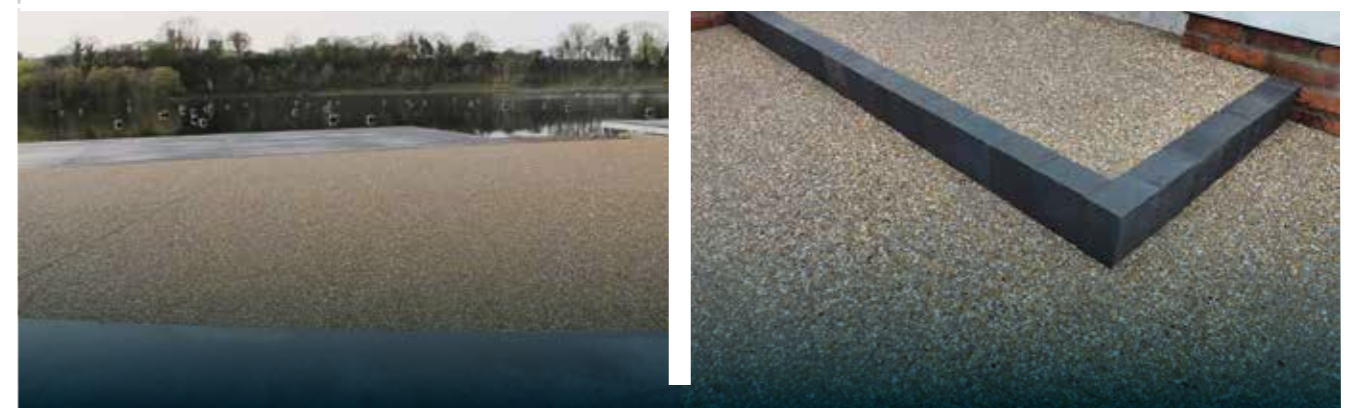
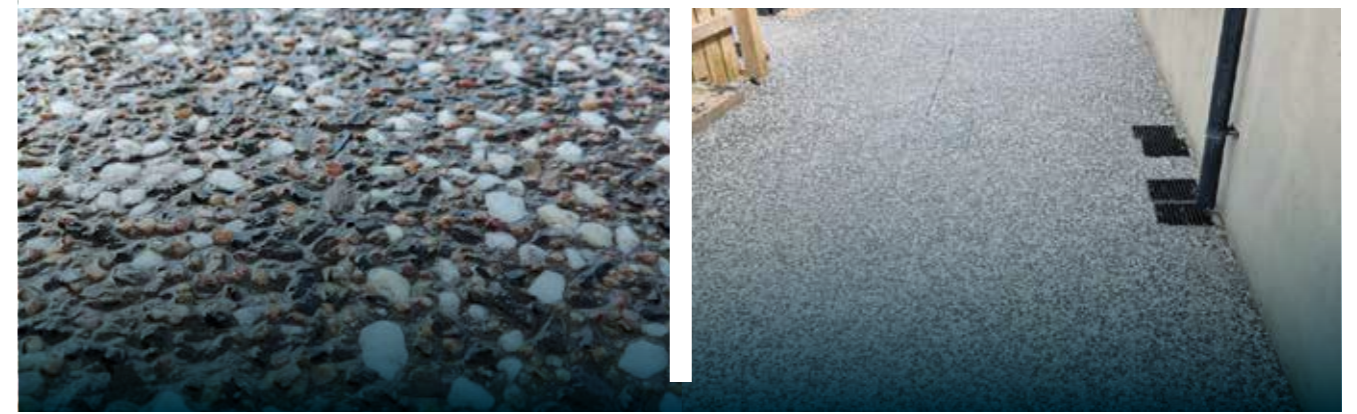
- Lite Gold
- Monochrome
- Forest Flint
- Pink Pebble
- Creggan Blend

Please note: Other aggregates and styles can be sourced on request

BENEFITS

Concrete exposed offers many benefits over traditional surfacing options:

- Aesthetic appearance – utilises the beauty of natural aggregate to achieve a highly decorative effect
- Choice – lots of colours & textures to choose from, which allows you to customise your look
- Durable as the product is concrete, it is extremely hardwearing
- Low maintenance; fewer joints & prohibits the development of weeds & moss, so is easy to keep clean
- Can be used in a wide range of applications including driveways, patios, footpaths and public spaces
- Safety – more slip resistant than alternatives





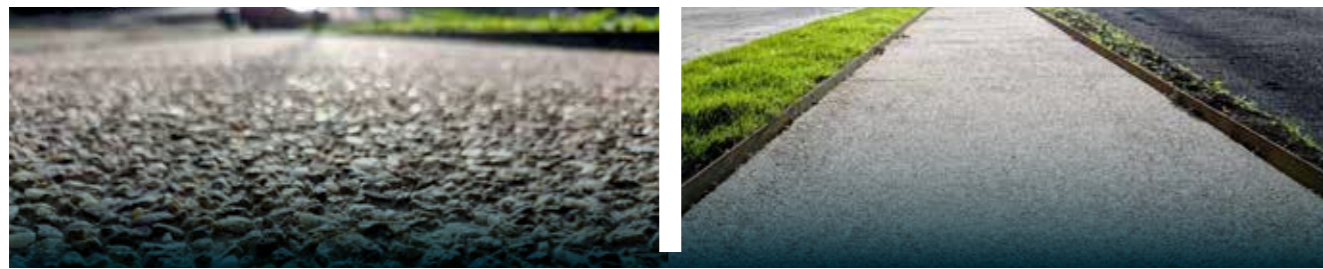
LITE GOLD



PINK PEBBLE



CREGGAN BLEND



FP MCCANN'S CONCRETE EXPOSED USED IN YARD RENOVATION PROJECT ON GLENSHANE ROAD

FP McCann has supplied Concrete Exposed to DMC Decorative Concrete for the renovation of a residential property on the Glenshane Road.

A wall separating the house from the garden was removed and part of the lawn was excavated, giving way to large open patio space. A sweeping pathway was created around the garden, leading to an idyllic seated area.

For this project, an existing tree stump seat was incorporated into the final design, with the exposed aggregate surface following the natural base of the trunk – something that would not have been possible with traditional paving.

Exposed aggregate has the advantage of having the strength and durability of ready mix concrete, in an aesthetically pleasing finish. It also has minimal joints, meaning no moss or weeds, as well as added grip in frosty or wet weather.

Danny McCusker, owner of DMC Decorative Concrete said: "We have worked with FP McCann's Concrete Exposed on several projects – it is a practical, durable surfacing solution. It looks well in this yard and the versatility of the material allowed us to work with existing features in the garden."

The project was completed in FP McCann's Concrete Exposed in Forest Flint. The range also includes Lite Gold, Monochrome and Pink Pebble. Other aggregate styles can also be sourced on request.

It is suitable for a variety of applications, including domestic driveways, patios and pathways, pavements and footpaths, and public or commercial areas.



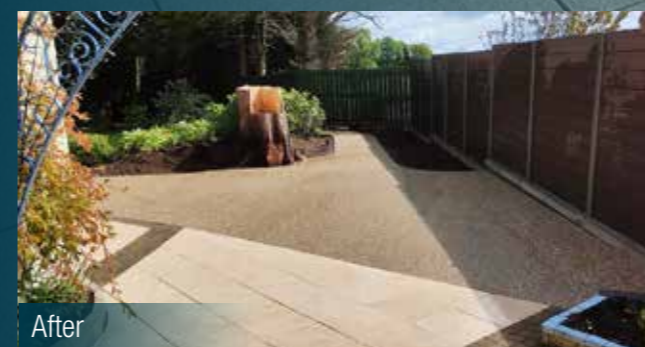
Before



After



Before



After



Before



After



KNOCKLOUGHRIM PRECAST FACTORY

16-18 Quarry Road, Knockloughrim, Magherafelt, BT45 8NR
Tel 028 7954 9026

KNOCKLOUGHRIM QUARRY

3 Drumard Road, Knockloughrim, Magherafelt, BT45 8QA
Tel 028 7964 2558

BRADLEY'S QUARRY, KILREA

84 Cullyrammer Road, Kilrea, Coleraine, BT51 5YF
Tel 028 2954 0285

CLARKE'S QUARRY / PRECAST FACTORY

105 Nutfield Road, Slush Hill, Lisnaskea, BT92 0HP
Tel 028 6772 1286

COOKSTOWN QUARRY

Feegarron Road, Cookstown, BT80 9QS
Tel 028 8676 4803

COOTE'S QUARRY / PRECAST FACTORY, ARMAGH

56 Redrock Road, Armagh, BT60 2BL
Tel 028 3755 1126

GLENSHANE QUARRY

946 Glenshane Road, Dungiven, BT47 4SD
Tel 028 7774 0533

LOUGHSIDE QUARRY

146 Belfast Road, Larne, BT40 2PN
Tel 028 2826 0824

MALLUSK DEPOT

140 Mallusk Road, Newtownabbey, BT36 4QN
Tel 028 9083 0005

OMAGH DEPOT

97 Spring Road, Omagh, BT79 0LA
Tel 028 8077 1667

TOOMEBRIDGE DEPOT

50 Creagh Road, Toomebridge, BT41 3SE
Tel 028 7964 0471

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