



CONCRETE ROOF TILES





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OUR COMPANY

About FP McCann

FP McCann is the UK's largest manufacturer and supplier of precast concrete solutions. We are committed to high quality, cost-effective and sustainable solutions tailored to meet clients' requirements.

From our thirteen UK manufacturing facilities, FP McCann offers solutions that include architectural and structural solutions, rooms, flooring, fencing, walling, shafts, tunnels, drainage, rail, power and agricultural products. FP McCann has worked on a large range of Design for Manufacture and Assembly (DfMA) projects across the UK. Our in-house Digital Engineering capability has grown in line with government and client expectations.

OUR COMPREHENSIVE PRECAST CONCRETE BUSINESS EXTENDS TO INCLUDE:

**AGRICULTURE | BOX CULVERTS | BUILDING PRODUCTS | CONCRETE
ROOF TILES | DOCK LEVELLER PITS | DRAINAGE | FENCING | FILTER
BED SYSTEMS | FLOORING | POWER & INFRASTRUCTURE
PRECAST OFF-SITE BUILDING SOLUTIONS | RAIL | SPECIALIST
PRECAST | TANKS & CHAMBERS | TUNNELS & SHAFTS | WALLING**

Modern manufacturing plants at Alnwick (Northumberland), Armagh (Northern Ireland), Byley (Cheshire), Cadeby (Leicestershire), Ellistown (Leicestershire), Grantham (Lincolnshire), Lisnaskea (Northern Ireland), Littleport (Cambridgeshire), Lydney (Gloucestershire), Magherafelt (Northern Ireland), Uddingston (Lanarkshire) and Weston Underwood (Derbyshire) incorporate the latest computerised batching, distribution, casting, curing and handling systems and are operated by skilled and experienced workforces to ensure consistency of quality. Their geographical spread gives us an unrivalled ability to serve the construction industry throughout the UK and Ireland.

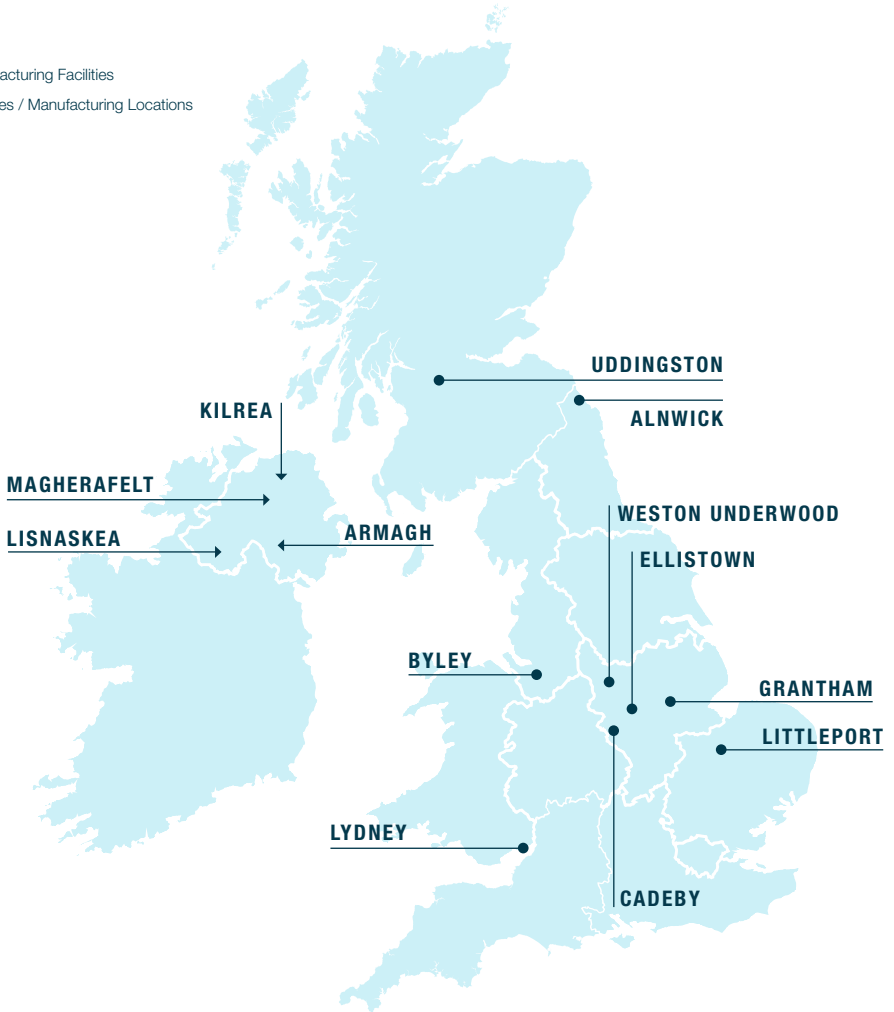
By applying the DFMA principles, FP McCann's design engineers can evaluate individual precast concrete products part by part, in addition to documenting the assembly process step by step. This allows them to generate the cost, part count and assembly time to provide a benchmark to measure its success 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.

OUR COMPANY

Factory Locations

KEY

- Manufacturing Facilities
- ▲ Quarries / Manufacturing Locations



GET IN TOUCH

For additional information on our Roofing products and services or to speak to a member of our Roofing sales team in your area

SCAN THE QR CODE

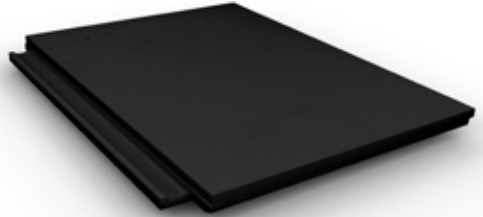


ROOF TILES

Tile Range

Thin Flat Tile

Size	Thickness
420mm x 334mm	19.5mm
Weight	Minimum Headlap*
4.7kg	75mm (normal exposure)
Minimum Pitch*	Maximum Gauge
100mm headlap - 17.5°	345mm
75mm headlap - 22.5°	Covering Capacity
Cover Width	75mm headlap -
305mm	9.7 tiles/m ²
Weight of Tiling	100mm headlap -
75mm headlap -	10.5 tiles/m ²
45kg/m ²	Nail Size
100mm headlap -	40mm x 3.35mm
49kg/m ²	Aluminium Alloy
Batten Size	Tiles per Pallet
50 x 25mm (rafters not exceeding 600mm c/c)	228
Tiles per Band	Weight of Pallet
38	1086kg

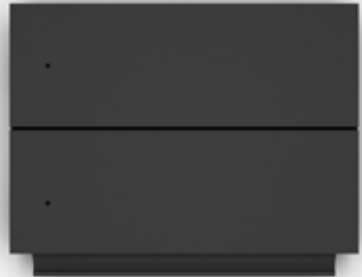


ROOF TILES

Tile Range

Duo Thin Flat Tile

Size	Thickness
420mm x 334mm	19.5mm
Weight	Minimum Headlap*
4.7kg	75mm (normal exposure)
Minimum Pitch*	Maximum Gauge
100mm headlap - 17.5°	345mm
75mm headlap - 22.5°	Covering Capacity
Cover Width	75mm headlap -
305mm	9.7 tiles/m ²
Weight of Tiling	100mm headlap -
75mm headlap -	10.5 tiles/m ²
45kg/m ²	Nail Size
100mm headlap -	40mm x 3.35mm
49kg/m ²	Aluminium Alloy
Batten Size	Tiles per Pallet
50 x 25mm (rafters not exceeding 600mm c/c)	228
Tiles per Band	Weight of Pallet
38	1086kg



ROOF TILES

Tile Range

Seawave Tile

Size	Thickness
420mm x 334mm	26mm
Weight	Minimum Headlap
4.5kg	75mm
Minimum Pitch	Maximum Gauge
75mm headlap - 17.5°	345mm
Cover Width	Covering Capacity
305mm	75mm headlap -
Weight of Tiling	9.8 tiles/m ²
75mm headlap -	100mm headlap -
47kg/m ²	10.6 tiles/m ²
100mm headlap -	Nail Size
51kg/m ²	70mm x 3.35mm
Batten Size	Aluminium Alloy
50 x 25mm (rafters not exceeding 600mm c/c)	Tiles per Pallet
Tiles per Band	210
35	Weight of Pallet
	960kg



ROOF ACCESSORIES

Multi Ridge Tiles



Length	457mm
Width	250mm
Height	80mm
Weight	5kg
Tiles per Linear Metre	2.1
Maximum Roof Pitch	45°
Weight of Band	Weight of Pallet
20kg	715kg



COLOURS

Available in 5 Colours

Grey



Brown



Rustic
Red



Anthracite



Terracotta



DRY FIX SYSTEMS

McCannFast Ridge 6m



McCannFast Ridge
Roll 6m Ventilated
or Unventilated

McCannFast Ridge
Union x10

100mm x M5 S/S
Screw x10

McCannFast Union
Clip x10

Ridge Batten
Connector x10

McCannFast Hip 6m



McCannFast Hip
Roll 6m Unventilated

McCannFast Hip
Union x10

125mm x M5 S/S
Screw x10

McCannFast Union
Clip x10

Hip Batten
Connector x10

Filon Products Dry Fix Valley System



Eaves Closure Piece



Top Closure Piece 90°



GRP Dry Fix Valley Trough 3m

Minimum Pitch: As per tile profile Maximum Pitch: 60°

All components available with a 70mm or 110mm upstand

Dry Verge System



Dry Verge Unit



Multi

Ridge End Cap



VENTILATION PRODUCTS

Eaves Vent System 6m



Roll Out Rafter Eave Vent
300mm x 6m



Over Fascia Ventilator
10mm or 25mm x6



Felt Support Tray
x10

The Eaves Vent System 6m is available as either a 2 part or 3 part system providing a 10mm or 25mm ventilation gap.

Underlay



FP McCann 150gsm Vapour Permeable Membrane

High performance breather membrane
3 layer membrane
Suited for all wind zones
Tested to BS5534:2014 +A2:2018
wind loading

Supplied via partnership with Permavent

McCannVent

Recommended Tile Spacing

5mm gap - 2m centres
10mm gap - 1m centres

Minimum Pitch

22.5°

Free ventilation area

10,000mm²

Profiles Available

Thin Flat and Seawave



FIXINGS AND CLIPS

Tile Fixings



2-1 Clip



**Thin Flat
Verge Clip**



**Seawave
Verge Clip**



Batten End Clip



Batten Holder

**ONE LOAD DELIVERS IT ALL – 7 PRODUCTS ALL ON ONE LOAD
MAXIMISE YOUR YARD SPACE WITH MCCANN MULTI LOAD OFFERINGS**







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AGRICULTURE

Lydney 01594 847500 Grantham 01476 562277

BOX CULVERTS

Weston Underwood 01335 361269

BUILDING PRODUCTS

Cadeby 01455 290780

DOCK LEVELLER PITS

Weston Underwood 01335 361269

DRAINAGE

Ellistown 01530 240000 (England/Wales) Magherafelt 028 7954 9026 (Scotland)

FENCING

Cadeby 01455 290780

FILTER BED SYSTEMS

Littleport 01353 861416

FLOORING

Weston Underwood 01335 361269 Uddingston 01698 803300

POWER & INFRASTRUCTURE

Littleport 01353 861416

PRECAST OFF SITE BUILDING SOLUTIONS

Byley 01606 843500 Grantham 01476 562277 Littleport 01353 861416

RAIL

Littleport 01353 861416

SPECIALIST PRECAST

Littleport 01353 861416

TANKS & CHAMBERS

Littleport 01353 861416

TUNNELS & SHAFTS

Cadeby 01455 290780

WALLING

Grantham 01476 562277 Lydney 01594 847500 Uddingston 01698 803 300 (Scotland)