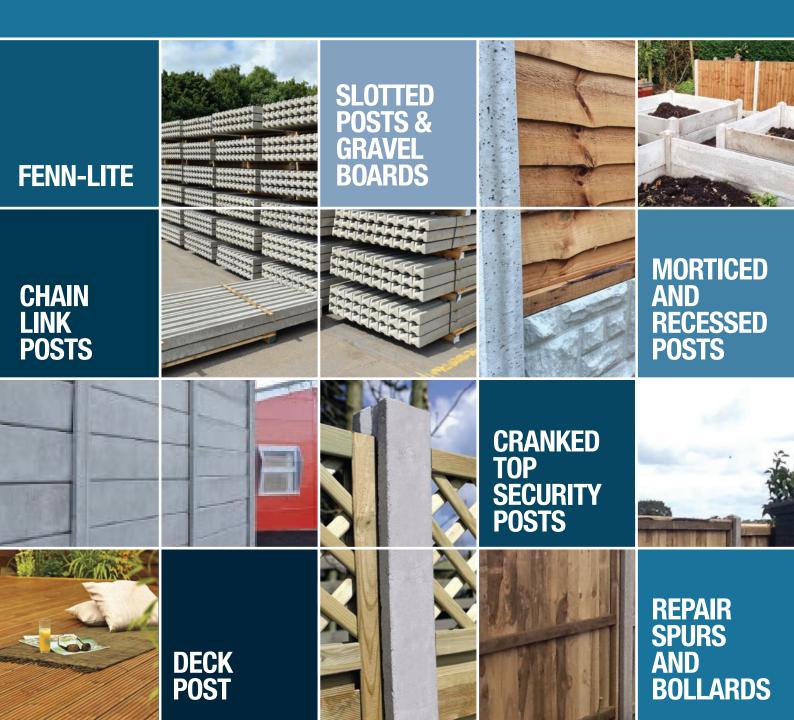


PRECAST FENCING SOLUTIONS

v.2.2



FPMCCANN.CO.UK



FP McCann is the UK's market leader in the manufacture, supply and delivery of precast concrete solutions. Our comprehensive precast concrete business extends to include:

AGRICULTURE | ARCHITECTURAL PRECAST | BOX CULVERTS | BUILDING PRODUCTS DOCK LEVELLERS | DRAINAGE | FENCING | FILTER BED SYSTEMS | FLOORING POWER & INFRASTRUCTURE | RAIL | SPECIALIST PRECAST | STRUCTURAL PRECAST TANKS & CHAMBERS | TUNNELS & SHAFTS | WALLING

Modern manufacturing plants at Alnwick (Northumberland), Armagh (Northern Ireland), Byley (Cheshire), Cadeby (Warwickshire), 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 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.



INTRODUCTION



With over 30 years' experience in the manufacture of precast concrete solutions, FP McCann offers a wide range of precast fencing products.

Concrete posts offer a longer lasting alternative to wooden posts. Our comprehensive range includes slotted, recessed and morticed posts; plain, recessed and rock-faced gravel boards, Fenn-Lite lightweight posts, deck posts, chain link and cranked top security posts, universal posts, repair spurs and bollards.

FP McCann's precast concrete fencing products are durable, easy to install and provide an attractive finish in combination with timber fencing panels. Our Fenn-Lite fencing products and gravel boards are up to 45% lighter and offer the same strength and durability as standard weight products.

Fencing customers can also place an order on our website via an easy to navigate online e-commerce tool.

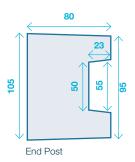
FP McCann will deliver to locations throughout the UK and our sales and technical teams are on hand to discuss your requirements.

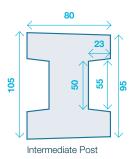


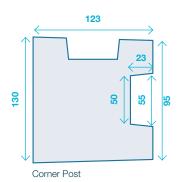
FENN-LITE



The lighter alternative to standard weight slotted posts and gravel boards





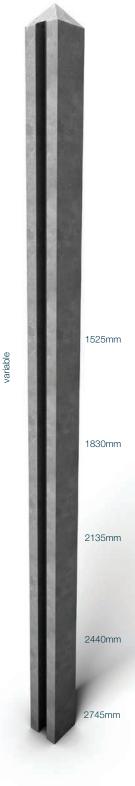


NB: Individual product weights and pack weights may slightly vary from published data due to bulk density changes in aggregates used in production. Other lightweight products are available. Please refer to our sales office for further information.

Product Code	Sizes (mm)	Sizes (ft/in)	No. per onne	No. per Pack	Individual Weight (kg)	Pack Weight inc. Packaging (kg)
Slotted Posts - Intermedia	ates					
FPSLP150MW	1525	5'	45.45	40	22.0	920
FPSLP180MW	1830	6'	37.04	40	27.0	1120
FPSLP210MW	2135	7'	32.26	30	31.0	960
FPSLP240MW	2440	8'	28.57	30	35.0	1080
FPSLP275MW	2745	9'	25.00	30	40.0	1220
Slotted Posts - Intermedia	ates - Heavy Duty	Lightwe	ight			
PREFPHDSLP305LW	3050	10'	13.70	18	73.0	1340
PREFPHDSLP335LW	3350	11'	12.50	18	80.0	1460
PREFPHDSLP366LW	3660	12'	11.40	18	88.0	1600
Slotted Posts - Corners -	Light Weight					
FPSLPC150LW	1525	5'	28.74	6	34.8	218.8
FPSLPC180LW	1830	6'	23.62	6	42.3	260
FPSLPC210LW	2135	7'	20.41	6	49.0	300
FPSLPC240LW	2440	8'	16.95	6	59.0	360
FPSLPC275LW	2745	9'	15.23	6	65.7	400
Slotted Posts - Corners -	Heavy Duty Light	weight				
PREFPHDSLPC305LW	3050	10'	12.80	6	78.0	438
PREFPHDSLPC335LW	3350	11'	11.40	6	88.0	543
PREFPHDSLPC366LW	3660	12'	10.60	6	94.0	579
Slotted Posts - Ends						
FPSLPE150MW	1525	5'	40.00	10	25.0	270
FPSLPE180MW	1830	6'	32.26	10	31.0	330
FPSLPE210MW	2135	7'	28.57	10	35.0	370
FPSLPE240MW	2440	8'	25.00	10	40.0	420
FPSLPE275MW	2745	9'	22.22	10	45.0	470
Slotted Posts - Ends - He	avy Duty Lightwe	ight				
PREFPHDSLPE305LW	3050	10'	13.00	9	77.0	718
PREFPHDSLPE335LW	3350	11'	11.10	9	90.0	832
PREFPHDSLPE366LW	3660	12'	9.40	9	106.0	976
Gravel Boards For Slotted	Posts - Light We	ight				
FPGBP150LW Plain	1830x150x45	6"	48.31	40	20.7	840
FPGBP305LW-SD Plain	1830x305x45	12"	22.60	20	44.3	900
FPGBR150LW Recessed	1830x150x45	6"	50.96	40	19.6	800
FPGBR305LW Recessed	1830x305x45	12"	30.77	20	32.5	665
FPGBRF305WCLWHP Rock Faced HP	1830x305x45	12"	24.81	16	40.3	660
Recessed Posts - Light W	eight					
FPARP250LW	2515	8' 3"	18.75	18	53.3	980
Morticed Posts - Light We	eight					
FPMOR240LW	2440	8'	23.44	30	42.7	1300



Product Code	Sizes (mm)	Sizes (ft/in)	No. per Tonne	No per Pack	Individual Weight (kg)	Pack Weight inc. Packaging (kg)
Slotted Posts - Interme	diates					
FPSLP150	1525	5'	35.09	40	28.5	1160
FPSLP180	1830	6'	28.99	40	34.5	1400
FPSLP210	2135	7'	25.42	30	39.3	1200
FPSLP240	2440	8'	22.39	30	44.7	1360
FPSLP275	2745	9'	18.99	30	52.7	1600
FPSLP305 NEW	3050	10'	17.86	30	56.0	1700
Slotted Posts - Corners						
FPSLPC150	1525	5'	20.34	6	49.2	301
FPSLPC180	1830	6'	17.19	6	58.2	355
FPSLPC210	2135	7'	15.00	6	66.7	406
FPSLPC240	2440	8'	12.66	6	79.0	480
FPSLPC275	2745	9'	11.09	6	90.2	547
Slotted Posts - Ends						
FPSLPE150	1525	5'	32.47	10	30.8	328
FPSLPE180	1830	6'	26.46	10	37.8	398
FPSLPE210	2135	7'	22.57	10	44.3	463
FPSLPE240	2440	8'	20.12	10	49.7	517
FPSLPE275	2745	9'	17.83	10	56.1	581
FPSLPE305 NEW	3050	10'	15.87	10	63.0	1650
Heavy Duty Slotted Pos	ts - Interm	ediates				
FPHDSLP150	1525	5'	20.20	18	49.5	812
FPHDSLP180	1830	6'	16.81	18	59.5	972
FPHDSLP210	2135	7'	14.60	18	68.5	1116
FPHDSLP240	2440	8'	13.25	18	75.5	1228
FPHDSLP275	2745	9'	12.12	18	82.5	1340
FPHDSLP305	3050	10'	10.47	18	95.5	1548
FPHDSLP335	3350	11'	9.57	18	104.5	1692
FPHDSLP366	3660	12'	8.66	18	115.5	1868
Heavy Duty Slotted Pos	ts - Corner	S				
FPHDSLPC305	3050	10'	10.10	6	99.0	600
FPHDSLPC335	3350	11'	9.16	6	109.2	661
FPHDSLPC366	3660	12'	8.46	6	118.2	715
Heavy Duty Slotted Pos	ts - Ends					
FPHDSLPE150	1525	5'	18.87	9	53.0	444
FPHDSLPE180	1830	6'	15.63	9	64.0	532
FPHDSLPE210	2135	7'	13.51	9	74.0	612
FPHDSLPE240	2510	8'	12.20	9	82.0	676
FPHDSLPE275	2745	9'	11.11	9	90.0	740
FPHDSLPE305	3050	10'	9.71	9	103.0	844
FPHDSLPE335	3350	11'	8.85	9	113.0	924
FPHDSLPE366	3660	12'	8.06	9	124.0	1012



GRAVEL BOARDS

Introducing FP McCann's **NEW** Artisan fencing range







BENEFITS

- Durable alternative to wood
- Rot and maintenance-free
- Quick and easy to install
- appearance of real timber

Note: All Artisan products are manufactured to order

TUDOR BROWN WOOD-EFFECT

SLATE GREY WOOD-EFFECT

MAHOGANY WOOD-EFFECT

FP McCann's standard precast concrete decorative gravel board range













HIGH PROFILE ROCK FACE WEST CAST

MEDIUM PROFILE ROCK FACE WEST CAST

PLAIN-FACE

RECESSED

ROCK FACE SEMI-DRY

BRICK-EFFECT

Product Code	Sizes (mm)	Sizes (ft/in)	No.per Tonne	No. per Pack	Individual Weight (kg)	Pack Weight inc. Packaging (kg)
Gravel Boards For Slotted Posts						
FPGBP150 Plain	1830x150x45	6"	36.10	40	27.7	1120
FPGBP305 Plain	1830x305x45	12"	17.17	20	58.3	1180
FPGBR150 Recessed	1830x150x45	6"	37.56	40	26.6	1080
FPGBR305 Recessed	1830x305x45	12"	21.62	20	46.3	940
FPGBRF305 Rock Faced Semi dry	1830x305x45	12"	19.14	20	52.3	1060
FPGBRF305WC Rock Faced Wet cast	1830x305x45	12"	18.43	20	54.3	1100
FPGBRF305WCHP Rock Faced WC High profile	1830x305x45	12"	16.90	16	59.1	960

BOUNDARY POSTS

Product Code	Sizes (mm)	Sizes (ft/in)	No. per Tonne	No. per Pack	Individual Weight (kg)	Pack Weight inc. Packaging (kg)
Boundary Posts 4x4						
PRE FP BOU 0904X4	915x100x100	3'	50.56	60	19.8	1188
PRE FP BOU 1054X4	1070x100x100	3'6"	43.90	60	22.8	1368
PRE FP BOU 1204X4	1220x100x100	4'	38.50	60	26.0	1560
PRE FP BOU 1354X4	1370x100x100	4' 6"	33.58	60	29.8	1788





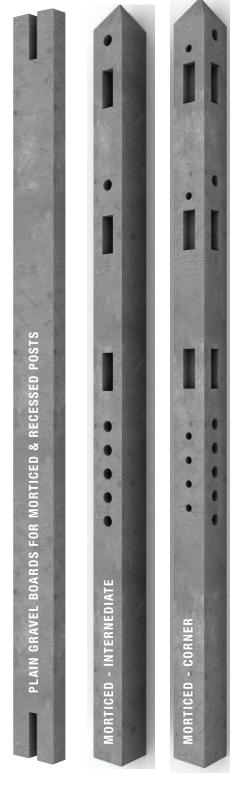
Product Code	Post Type	Sizes (ft/in)	No. per Tonne	No. per Pack	Individual Weight (kg)	Pack Weight inc. Packaging (kg)	Max. Wire Height
Chain Link Posts	(1600mm)						
FPCHLI160	Inter*	5' 3"	36.42	44	27.5	1220	
FPCHLS1602W	2Way	5' 3"	17.69	15	56.5	860	
FPCHLS1603W	3Way	5' 3"	17.69	15	56.5	860	
FPCHLS160LHC	L/H Corner	5' 3"	17.69	15	56.5	860	3'
FPCHLS160RHC	R/H Corner	5' 3"	17.69	15	56.5	860	J
FPCHLS160LHE	L/H End	5' 3"	17.69	15	56.5	860	
FPCHLS160RHE	R/H End	5' 3"	17.69	15	56.5	860	
FPCHLST150	5' Strut	5' 0"	41.20	44	24.3	1080	
Chain Link Posts	(1900mm)						
FPCHLI190	Inter*	6' 3"	26.32	36	38.0	1380	
FPCHLS1902W	2Way	6' 3"	14.73	15	67.9	1030	
FPCHLS1903W	3Way	6' 3"	14.73	15	67.9	1030	
FPCHLS190LHC	L/H Corner	6' 3"	14.73	15	67.9	1030	4'
FPCHLS190RHC	R/H Corner	6' 3"	14.73	15	67.9	1030	4
FPCHLS190LHE	L/H End	6' 3"	14.73	15	67.9	1030	
FPCHLS190RHE	R/H End	6' 3"	14.73	15	67.9	1030	
FPCHLST180	6' Strut	6' 0"	33.13	44	30.2	1340	
Chain Link Posts	(2630mm)						
FP CHLI1263	Inter*	8' 9"	16.02	27	62.4	1697	
FPCHLS2632W	2Way	8' 9"	10.38	10	96.3	975	
FPCHLS2633W	3Way	8' 9"	10.38	10	96.3	975	
FPCHLS263LHC	L/H Corner	8' 9"	10.38	10	96.3	975	6'
FPCHLS263RHC	R/H Corner	8' 9"	10.38	10	96.3	975	U
FPCHLS263LHE	L/H End	8' 9"	10.38	10	96.3	975	
FPCHLS263RHE	R/H End	8' 9"	10.38	10	96.3	975	
FPCHLST240	8' Strut	8' 0"	25.04	33	39.9	1330	







MORTICED AND RECESSED POSTS



MORTICED & RECESSED POSTS

Product Code	Sizes (mm)	Sizes (ft/in)	No. per Tonne	No. per Pack	Individual Weight in kg	Pack Weight inc. Packaging (kg)
Morticed Posts -	Intermediate					
FPMOR150	1525	5'	29.63	40	33.80	1370
FPMOR180	1830	6'	23.95	40	41.80	1690
FPMOR210	2135	7'	20.98	30	47.70	1450
FPMOR240	2440	8'	18.52	30	54.00	1640
FPMOR275	2745	9'	15.96	30	62.70	1900
FPMOR275DB*	2745	9'	15.95	30	62.70	1811
Morticed Posts -	Corners					
FPMORC150	1525	5'	28.85	6	34.70	214
FPMORC180	1830	6'	24.00	6	41.70	256
FPMORC210	2135	7'	20.55	6	48.70	298
FPMORC240	2440	8'	17.49	6	57.20	349
FPMORC275	2745	9'	16.30	6	61.30	374
FPMORC275DB*	2745	9'	16.30	6	61.30	374
Recessed Posts						
FPARP145	1500	4' 11"	21.77	27	45.90	1260
FPARP175	1750	5' 9"	18.49	27	54.10	1480
FPARP220	2160	7' 3"	15.00	18	66.70	1220
FPARP250	2515	8' 3"	13.64	18	73.30	1340
FPARP307^	3125	10' 3"	10.00	9	100.00	920
Gravel Boards Fo	or Morticed/Rec	essed Post	S			
FPGB240P	2400x150x50	7' 10½"	24.65	14	40.60	580
FPGB259P	2590x150x50	8' 6"	22.83	14	43.80	630
FPGB270P	2700x150x50	8' 10½"	21.60	14	46.30	660
FPGB2885P	2885x150x50	9' 5½"	19.77	16	50.60	720
FPGB300P	3000x150x50	9' 10"	19.10	16	52.40	745

^To suit a 1.8m fence *To suit a 2 metre fence





Product Code	Sizes (mm)	Sizes (ft/in)	No. per Tonne	No. per Pack	Individual Weight (kg)	Pack Weight inc. Packaging (kg)
Universal Posts - Int	termediate					
FPUNP150	1525	5'	27.99	36	35.7	1306
FPUNP180	1830	6'	23.08	36	43.3	1580
FPUNP210	2135	7'	19.85	27	50.4	1380
FPUNP240	2440	8'	16.88	27	59.3	1620
FPUNP275	2745	9'	15.88	27	63.0	1720
Repair Spurs 3x3						
FP SUPP 099 3X3	990	3' 3"	74.63	70	13.4	953
FP SUPP 105 3X3	1070	3' 6"	69.44	70	14.4	1023
Repair Spurs 4x3						
FPSUP090	915x100x75	3'	65.73	70	15.2	1080
FPSUP105	1070x100x75	3' 6"	57.14	70	17.5	1240
FPSUP120	1220x100x75	4'	49.82	70	20.1	1420
FPSUP135	1370x100x75	4' 6"	44.16	70	22.6	1600
Repair Spurs 4x4						
FPSUP0904X4	915x100x100	3'	50.56	60	19.8	1188
FPSUP1054X4	1070x100x100	3'6"	43.90	60	22.8	1368
FPSUP1204X4	1220x100x100	4'	38.50	60	26.0	1560
FPSUP1354X4	1370x100x100	4' 6"	33.58	60	29.8	1788
Screed Rail						
FPSRBF050	50x3000	2"	85.46	104	11.7	1237
FPSRBF100	100x3000	4"	38.34	48	26.1	1272
FPSRBF125	125x3000	5"	26.74	33	37.4	1254
FPSRBF150	150x3000	6"	21.43	30	46.7	1420
Bollards						
FPB0L135	1370x225	4' 6"	10.96	5	91	475

DECKPOST

The FP McCann DeckPost is the durable precast solution for your decking requirements. Whether you plan to create an elevated decking area, or simply to level out irregular ground conditions, DeckPost is the obvious choice.

WHY USE DECKPOST?

FP McCann's Precast Decking Support Post is the durable alternative to wood. Available in four different lengths, this product provides a rot free option to replace timber posts used to support all decking projects.

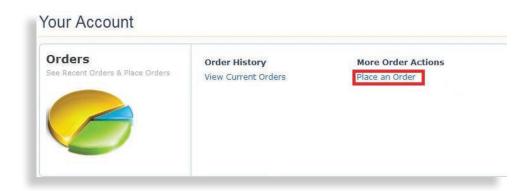






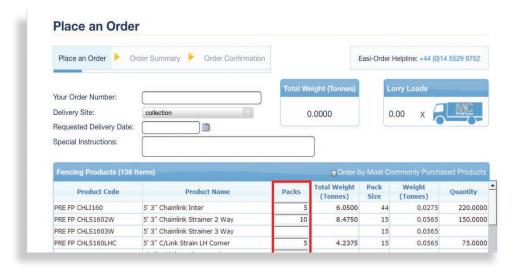
Product Code	Sizes in mm/in	No. per Tonne	No. per Pack	Individual Weight (kg)	Pack Weight inc. Packaging (kg)
PREFPDECP450	450x100x100/18x4x4	90.91	120	11.00	1340
PREFPDECP600	600x100x100/24x4x4	71.43	72	14.00	1028
PREFPDECP900	900x100x100/36x4x4	47.62	48	21.00	1028
PREFPDECP1200	1200x100x100/48x4x4	37.04	36	27.00	992

EASI-ORDER PORTAL



To place an order online, please follow the instructions below:

- 1. The email address and telephone number of the member of staff responsible for placing orders should be sent to orders@fpmccann.co.uk to be registered for online ordering.
- 2. Log in details consisting of a username and encrypted password will then be generated and sent via a secure email to the intended recipient.
- 3. The Easi-Order Portal can be accessed from the company homepage: fpmccann.co.uk or fpmccann.co.uk/fencing
- 4. Log onto https://orders.fpmccann.co.uk/tradecustomerportal with your username and password, you will then be taken to "Your Account" page.
- Click on "Place an Order" tab to begin the order process.
- Your order is compiled by selecting the "number of packs" for each product you wish to order.
- An indicator will be provided to display how your order relates to the delivery load requirements.
- Once the order is complete, simply click on the "Next" button.
- On the order summary page, you have the opportunity to view and check your order. Should you wish to edit your order, simply click on the "Back"
- 10. When satisfied your order is correct, you are required to read and accept the company's Conditions of Sale by ticking the appropriate box. Your order is then confirmed by clicking "Submit Order".
- 11. You will then receive an order acknowledgement and full order summary by email.
- 12. Log out to end the process.
- 13. You will receive a follow up call from a member of our fencing team to discuss the logistics of your fencing order.



PRODUCT HANDLING & STACKING GUIDE

FP McCann's fencing products are stacked and packaged securely on timber pallets, and in the case of posts, timber lath in between each row. All products are also strapped using plastic banding.

FP McCann strongly recommends that mechanical means (such as a fork lift with appropriate extensions) should be used when offloading fencing materials from a delivery vehicle. Offloading should be carried out by trained personnel, away from members of the public and other trades. Due consideration to manual handing should be taken in handling both gravel boards and fence posts.

Due care and attention must be followed when restacking product packs when they are unloaded onto site and also when the packs

are opened. Packs must be stacked vertically straight on stable and even ground conditions, ensuring the load bearers/lath are all in line. When opening gravel board packs, ensure that the long band is broken first, leaving the short band intact and keeping all gravel boards upright (see below).

All packs have a product label attached which gives the pack weight and individual unit weight. The pack weight must be observed when using lifting machinery to offload, to make sure that the machinery is capable of lifting the pack weight.

The individual weight of each item must be identified if they are to be handled manually once the pack is open. Persons must have received manual handling training. Many of our products will require more than one person to lift them. HSE can provide guidance on manual handling.





Products MUST NOT be taken out of packs using the forklift, they will damage the unit. Care and attention must be paid when opening gravel boards. Always leave the band holding just part of the pack, this will prevent the whole pack collapsing when the pack is opened (as shown above).





Products MUST NOT be stacked unevenly. When both main bands are removed from gravel board packs the pack should remain standing when the part band is left. However, you will need to support the front board initially when opening fully. (as shown above).











The forks MUST NOT be close together when picking up packs. The forks MUST be widened to be as close to the load bearer as possible

TECHNICAL NOTES

FP McCann provides a class A post for general applications. Class A posts are designed for wind speeds of 28m/s. The dynamic pressure resulting from the wind speed is 0.5KN/m2. The class A posts comply with BS EN 12839:2012. This design of class A post is not appropriate for exposed areas or sea fronts.

Class B or C posts, which comply with BS EN 12839:2012, should be used in exposed areas or near a sea front. (Contact FPM Technical Department for assistance).

All class A posts are manufactured from C35/45 concrete with reinforcing bar. Posts may crack under working loads and are expected to crack at maximum working loads. Cracking of a post does not signify failure. The bar reinforcement is designed to control crack widths and withstand looks in excess of the maximum working load.

In addition to wind loading, Class A/B/C posts are designed for handling, and if a crack appears in a post, this does not signify failure or reject. Crack widths up to 0.2mm do not have any significant effect on the durability resistance of the posts. However, if handled correctly the fence posts are not expected to crack, therefore it is important that the handling and storage instructions specified in this leaflet are adopted. This will ensure that both cracking and chipping of posts is kept to an absolute minimum.



CADEBY OFFICE:

Brascote Lane Nuneaton Cadeby Warwickshire CV13 0BB **T** 01455 290780 sales@fpmccann.co.uk

AGRICULTURE

Lydney 01594 847500 Grantham 01476 562277

ARCHITECTURAL PRECAST

Byley 01606 843500 Grantham 01476 562277 Littleport 01353 861416

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

RAIL

Littleport 01353 861416

SPECIALIST PRECAST

Littleport 01353 861416

STRUCTURAL PRECAST

Byley 01606 843500 Grantham 01476 562277 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)

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