

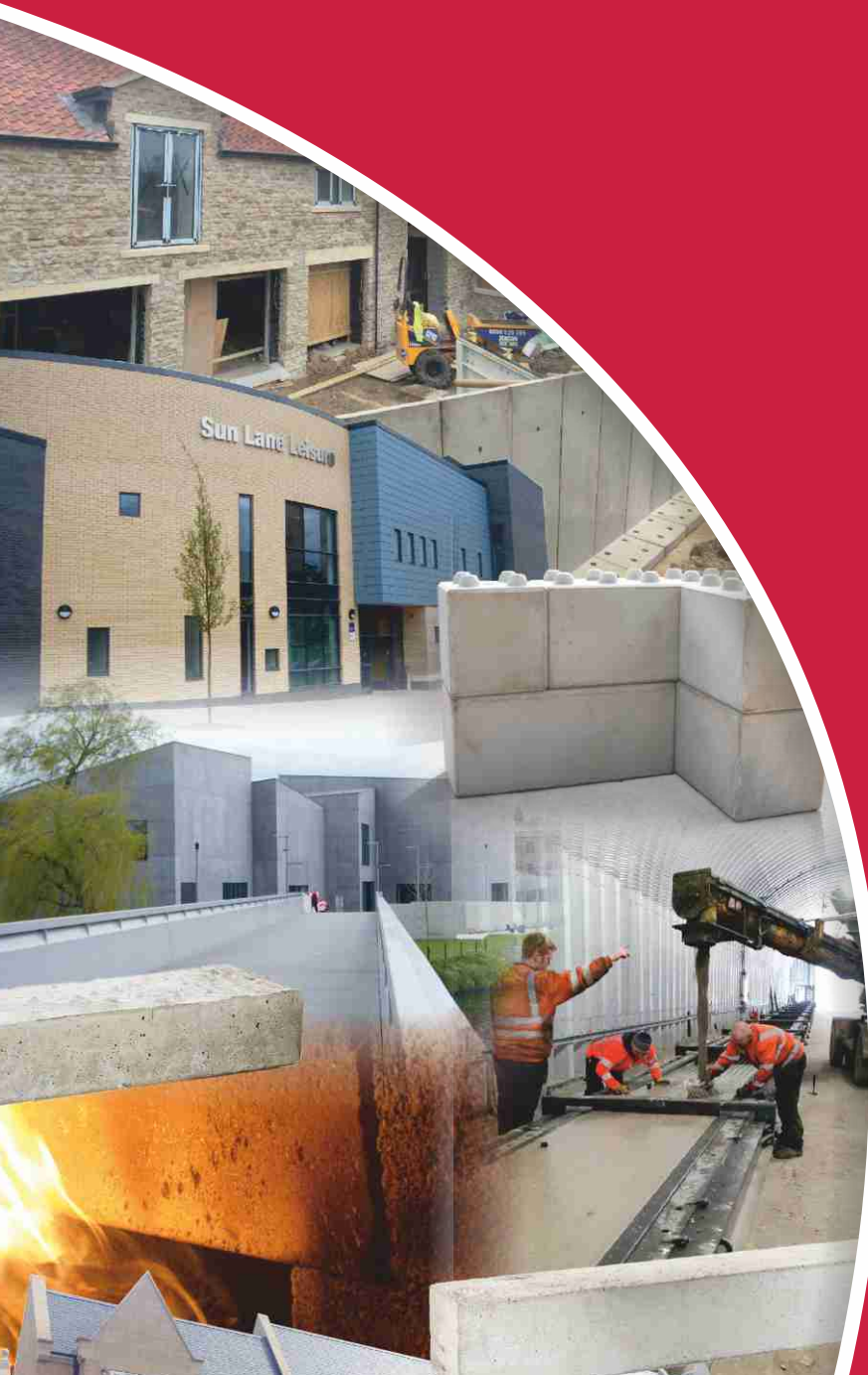
NAYLOR CONCRETE

Made in the UK

Excellent Construction Products

CI/SfB

31.9



Prestressed Lintels & Whites Concrete

Product
Brochure

email: lintels@naylor.co.uk web: www.naylor.co.uk



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Useful Contacts

Technical Hotline 0800 5424192

Sales Telephone 01226 320810

Sales Fax 01226 320811

www.naylor.co.uk

For brochure downloads & case studies

Specifications@naylor.co.uk

For drawing emails and schedule requests

Technical@naylor.co.uk

For specific requirements and to request technical information

Enquiries@naylor.co.uk

For sales, prices and delivery requirements

Lintels@naylor.co.uk

For orders or to request information



FM40598



10 Reasons to trust Naylor

1 Established over 50 years

2 Quality - Naylor Concrete Products are manufactured, quality controlled and continually assessed to ensure compliance to BS EN ISO 9001:2008

3 CE Marking - Naylor Lintels meet the requirements of the Construction Products Regulation in relation to declarations of performance and CE Marking

4 Extensive suite of Riba Insight specification tools

- NBS Plus
- NBS BIM
- CPD Providers Network
- Product Selector

5 Supplier member to the BMF (Builders Merchant Federation)

6 Associate member of ABC (Association of Brickwork Contractors)

7 Member of British Precast having satisfied the qualifying requirements prescribed by the federation

8 Investors in people Gold standard

9 Working towards environmental standard ISO 14001

10 Naylor Green Team - formed by members from all Naylor sites to analyse information regarding the environmental impact of our business, aiming to change the hearts and minds of our employees towards the environment



Introduction

Naylor, a manufacturer of building materials since 1890 combines a wealth of experience in manufacturing techniques and in-depth ranges with a reputation for quality products, service and value for money.

The Naylor lintel range has been continually improved and enhanced over the last 50 years in response to ever changing customer requirements and needs. The result is an unrivalled range offering lintels to suit every situation, backed up by a speedy and efficient specials service.

Nationwide Stockists

Naylor produce annually over 1 million metres of lintels. As well as having stocks of over 100 standard sections of lintels, Naylor are also able to supply specials at short notice. Naylor Lintel Stockists are therefore offered an unrivalled range of prestressed concrete lintels for both industrial and commercial use.

Naylor Lintel Stockists are located throughout the UK to give back-up and local supply facilities to the end user.

Technical Services

A technical service is available and advice is given for particular requirements and applications. Lintel schedules can be provided from working drawings.

Naylor Lintels can be specified from the NBSPlus Clause F30:740.

Naylor Lintels can be inserted as BIM objects.

CPD Seminars can also be delivered.

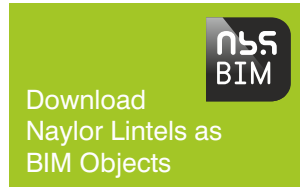
Drawings may be e-mailed directly to: **specifications@naylor.co.uk**

Features and Benefits

- **The widest range of any Prestressed Lintels available from one manufacturer in the UK**
- **A nationwide delivery service and nationwide prices, regardless of site destination**
- **Guaranteed quality and consistency**
- **Technical support and help to anywhere in the UK**
- **A simple pricing policy, you only pay per metre so there are no extra charges for a specific length**
- **All lintels are clearly marked, removing any risk on site that the wrong lintel might be built in**
- **Lintel Scheduling service available**
- **A Technical Hotline and Backup service**
- **All Lintels are a minimum 30 minutes Fire Resistance**

Technical Service

Help in specifying our products can be obtained by



A technical service is available, advice and guidance can gladly be given for any particular requirements and applications. Lintel schedules can be provided from working drawings and solutions offered. All proposed lintel schedules need to be checked by the incumbent structural engineer.

Drawings can be emailed directly to:
specifications@naylor.co.uk
or **technical@naylor.co.uk**
or to discuss call: **0800 5424192**.

Specification

British Standards and Design

The design of Naylor Prestressed Lintels complies with BS8110:part 1: 1997: Section 4.

Naylor Lintels conform to BSEN845 part 2: 2013.

Materials used in the manufacture of Naylor Prestressed Lintels comply with BSEN206:2013 and BS8500-1:2015. The prestressing wire complies with BS5896:2012.

Naylor Lintels have a low water absorption and as a result of the quality controlled hi spec dense concrete mix used in their manufacture, they can be used underground providing that the ends of the units are encased in a minimum of 45mm of mortar to the ends of the reinforcing strands.

All Naylor Lintels are wet cast and have a concrete strength of 50 N/mm² and are suitable to accept fixings providing that the tendons contained inside the unit remain undamaged.

All Hi-Spec fire rated Lintels produced by Naylor Lintels comply with BS8110-2: 1985, Section 4 table 4.3.

All L-Strip are manufactured from steel complying with BSEN10025 with a minimum yield stress of 275N/mm². Zinc coating is galvanised to BS2989z2. Stainless Steel L-Strip is also produced, conforming to grade 304:S15:BS1449:Part 2.

Compliance with Building Regulations Part L and Part E

Implementation of the amendments to part E and L of the Building Regulations came into force in 2002. Amongst the new measures it is required that the thermal bridging and fabric insulation be improved (part L) and the resistance to sound reverberation, especially at low frequencies, (Part E) be increased.

Compliance with the new regulations can easily be achieved using our range of lintels.

Scope of manufacture

Lintels can be manufactured to lengths up to 4800mm dependant upon the section size.

Lintels can also be cast with inserts and channels. Please speak to our technical department for assistance.

If in doubt . . .
call our **Technical Department**
on **0800 542 4192** or
email: **technical@naylor.co.uk**

Installation

- code of practice

Concrete Lintels

All Hi-Spec, Fair Faced and Fire Spec lintels are marked 'TOP'. This surface should remain uppermost at all times. It is important that the lintels are installed the correct way according to the load bearing situation. If the mark 'TOP' cannot be seen then the unit should be placed so that the reinforcement strand is close to the bottom of the unit and away from the load that is imposed.

Naylor Economy range are fully reversible and can be installed in either direction as per specification. As a consequence these units are not marked.

All lintels should be bedded on a level full mortar bed.

All wall ties, damp proof courses and weep vents should comply with the current building regulations.

Where possible it is advised that on cavity wall construction that both internal and external leaves should be built uniformly.

Before installation all lintels should be examined carefully for signs of any defects or damages.

If lintels are supporting concrete floor check the correct unit has been installed. Take all necessary measures to avoid impact loading of lintels during placing of floor units and any sideways loading during adjustment of floor units. Naylor cannot be held responsible where a lintel depth supporting concrete floor/roofs is specified less than the recommended 140mm.

Our engineers recommend that: No rebate must be formed/cut into lintels, or holes drilled for chemical anchors. Plugging and drilling is acceptable providing that the location of prestressing tendons is not compromised.

For spans greater than 1200mm, lintels should be adequately propped during construction at a maximum of 1200mm centres. Props should not be removed until the mortar has matured.

Hi-Spec Lintels must not be used in a cantilever situation unless specifically designed by a suitably qualified engineering professional.

Cutting

Prestressed concrete Lintels may be cut using a high speed diamond cutting disc. Use of such equipment should be by a properly trained operative who is aware of the health and safety requirements of the machine and the COSHH information for the product.

Under no circumstances should the Ultra-Fire Range of Lintels be cut down in size due to stooped end bearings.

For Naylor Industries COSHH information which details Naylor Lintels Products, please visit www.naylor.co.uk or call our technical hotline on 0800 5424192.

Lintel end bearing

Lintels are usually supplied with the following allowances for bearing at each end unless otherwise stated.

- 100mm for openings up to and including 1000mm
- 150mm for openings up to and including 3000mm
- 200mm for openings over 3000mm

It is however the responsibility of the building designer to ensure that these end bearings are sufficient so that there is no over stressing of the masonry at the supports.

Steel Lintels

All lintels should be bedded on a level full mortar bed. For spans greater than 1200mm temporary support should be used until the first 3 courses of masonry have matured sufficiently for the support to be removed. In certain cases the door frame, window frame or timber former for the opening are sufficient for this purpose but this is dependant upon the quality and material of the frame or former.

Special Requirements

Should you have any special Lintel requirements that are not detailed in our standard range or wish to discuss any of our products in more detail please call our technical team on 0800 5424192 who will be more than happy to discuss your lintel requirements in more detail.

Naylor Lintel Ranges



Hi-Spec Range - (pages 9, 10 & 11)

All units are pre-stressed to ensure optimum performance and come with 30 minutes fire rating as standard. With a range of 18 different sections sizes and with lengths available from 450mm to 4800mm on certain sections sizes. Due to additives and concrete strength, these units are suitable for use below ground.

Finish

An ex-steel mould finish and made from wet cast concrete. Possibility of small air holes on the surface, aggregate and concrete fines to bottom arrises. For use normally in plastered/rendered situations.

Order/Specification Code

Use the Hi-Spec reference on our load tables (e.g. S5)



Fire-Spec Range - (pages 13 & 14)

A range of lintels with enhanced fire resistance, 140mm wide units can achieve 90 minutes, 190mm and 215mm wide units can achieve 120 minutes fire resistance. All units comply with BS8110-2 1985, Section 4 table 4.3 and as a result have a slightly less load bearing capacity when compared with the Hi-Spec Range

Finish

An ex-steel mould finish and made from wet cast concrete. May see small air holes on the surface and concrete fines to bottom arrises. For use normally in plastered situations. Not exposed situations.

Order/Specification Code

Prefix Hi-Spec reference with the word Fire (e.g. Fire S5)



Fair Faced Range - (pages 9, 10 & 11)

A range of lintels with the same performance and fire rating as the standard Hi-Spec range but with a smooth, consistent colour finish.

Finish

Type C Fair Faced finish.
All corners and arrises and faces on the lintel are perfect.

Order/Specification Code

Prefix the Hi-Spec reference with the word Faced (e.g. Faced S5)



Faced Fire Range - (pages 13 & 14)

A range of lintels with the same fire resistance properties as our Fire-Spec range but with the same finish as our Fair Faced units that are designed to be used in fair faced, paintgrade and blockwork situations.

Finish

Type C Fair Faced finish.
All corners and arrises and face on the lintel are perfect.

Order/Specification Code

Prefix Hi-Spec reference with the words Faced Fire (e.g. FacedFire S5)



Ultra-Fire Range - (page 12)

A range of lintels with an enhanced fire resistance. Due to the special coating applied, all sections can achieve 240 minute load bearing capability when subject to fire conditions.

Finish

These lintels have a slightly different texture to concrete but are smooth. They can also be left natural but we would advise the use of a waterproof sealant to reduce surface dusting.

Order/Specification code

As per the product range (e.g. Ultra-Fire 100-6, Ultra-Fire 100-9, Ultra-Fire 140-6, Ultra-Fire 140-9, Ultra-Fire 215-9.)



Economy Range - (page 16)

A cost effective fully reversible unit for when you have a standard housing situation or small load situation.

Finish

An ex-steel mould finish and made from wet cast concrete. May see small air holes on the surface, aggregate and concrete fines to bottom arrises. Standard fire rating of 30 minutes. For use normally in plastered situations. For exposed situations see Fair Faced Range

Order/Specification Code

Please see the Economy Load Tables (e.g. ER1, ER2 etc)



Padstones - (page 17)

A full range of padstones are available with a strength that is a minimum of 50N/mm² and are suitable to take special fixing or any other site situations. We have a large range of 29 sections available as standard stock items with an additional 6 L-shaped padstones available. Specials can be made also at a competitive price and the quality assures you that the concrete will take any loads placed upon it.



L-Strip Steel Range - (page 15)

A range of Steel L-Shaped angle lintels suitable for brick and stone to carry the external leaf.

Available in galvanised (Pregalv G600) and stainless steel grade 304.

Hi-Spec & Fair Faced Ranges



All units are prestressed to ensure optimum performance and come with 30 minutes fire rating as standard. With a range of 18 different sections sizes and with lengths available up to 4800mm on certain sections sizes.

Hi-Spec Finish






An ex-steel mould finish and made from wet cast concrete. May see small air holes on the surface, aggregate and concrete fines to bottom arrises. For use normally in plastered/ situations. **Not for use in exposed painted situations.**




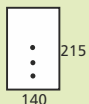
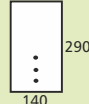
Fair Faced Finish

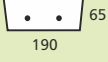
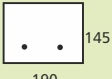
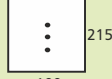
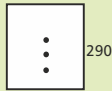
Type C Fair Faced Finish. All corners, arrises and faces on the lintel are perfect. For use in exposed/painted situations.

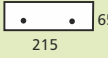

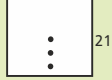

Order/Specification Code

Use the Hi-Spec reference on our load Tables (e.g. S5). For Fair Faced Lintels precede the lintel reference with the word 'Faced', ie Faced S5.

Hi-Spec Range		P100	S4	R6	R9	R12
Load Table Units suitable for 100mm wide walls						
Fire Resistance Available (mins)		30	30	30	30	30
Suitable for Foundation Use		yes	yes	yes	yes	yes
Maximum Stock Length Available		2400mm	3000mm	3600mm	3600mm Longer lengths available on request - up to 4800mm	3600mm
Available Range Finish			Faced	Faced	Faced	Faced
UNFACTORED LOADS IN kN / m						
Length	Clear Span	100x65	100x100	100x140	100x215	100x290
900mm	700mm	12.97	18.00	48.90	78.18	100.05
1100mm	900mm	7.96	14.20	39.00	62.44	79.90
1200mm	1000mm	6.47	12.80	34.23	56.72	72.57
1500mm	1200mm	4.50	11.25	24.38	48.57	60.85
1800mm	1500mm	2.86	7.25	15.96	36.27	49.65
2100mm	1800mm	1.95	5.02	11.21	25.78	41.91
2400mm	2100mm	1.21	3.66	8.27	19.21	31.70
2700mm	2400mm	n/a	2.77	6.32	14.83	24.53
3000mm	2700mm	n/a	2.15	4.97	11.76	19.49
3300mm	3000mm	n/a	n/a	3.99	9.53	15.83
3600mm	3200mm	n/a	n/a	3.48	8.36	13.49
Lintel Weight kg/m		16	23	34	53	70

Hi-Spec Range		P140	R3	S5	R8	R11
Load Table Units suitable for 140mm wide walls						
Fire Resistance Available (mins)		30	30	30	30	30
Suitable for Foundation Use		yes	yes	yes	yes	yes
Maximum Stock Length Available		2400mm	3000mm	3600mm	3600mm Longer lengths available on request - up to 4800mm	3600mm
Available Range Finish			Faced	Faced	Faced	Faced
UNFACTORED LOADS IN kN/m						
Length	Clear Span	140x65	140x100	140x140	140x215	140x290
900mm	700mm	15.01	49.17	58.05	100.57	128.00
1100mm	900mm	9.19	33.04	42.17	80.31	102.20
1200mm	1000mm	7.46	27.08	36.52	72.95	98.82
1500mm	1200mm	5.18	19.11	27.35	62.22	77.58
1800mm	1500mm	3.28	12.38	19.20	41.60	63.30
2100mm	1800mm	2.23	8.62	13.67	29.53	51.38
2400mm	2100mm	1.59	6.31	10.07	21.97	38.35
2700mm	2400mm	n/a	4.79	7.68	16.93	29.64
3000mm	2700mm	n/a	3.74	6.03	13.40	23.53
3300mm	3000mm	n/a	n/a	4.83	10.83	19.09
3600mm	3200mm	n/a	n/a	4.20	9.49	16.25
Lintel Weight kg/m		22	34	47	72	97

Hi-Spec Range		P190	R2	R190	R13
Load Table Units suitable for 190mm wide walls					
Fire Resistance Available (mins)		30	30	30	30
Suitable for Foundation Use		yes	yes	yes	yes
Maximum Stock Length Available		2400mm	3000mm	3600mm Longer lengths available on request - up to 4800mm	3600mm
Available Range Finish			Faced	Faced	Faced
UNFACTORED LOADS IN kN/m					
Length	Clear Span	190x65	190x145	190x215	190x290
900mm	700mm	21.40	81.86	126.49	162.20
1100mm	900mm	15.56	60.78	101.00	129.49
1200mm	1000mm	12.65	50.12	91.72	117.60
1500mm	1200mm	8.80	35.69	70.66	97.99
1800mm	1500mm	5.59	23.34	46.87	79.77
2100mm	1800mm	3.83	16.36	33.22	56.74
2400mm	2100mm	2.75	12.03	24.68	42.28
2700mm	2400mm	n/a	9.17	18.98	32.63
3000mm	2700mm	n/a	7.17	14.99	25.85
3300mm	3000mm	n/a	5.73	12.08	20.92
3600mm	3200mm	n/a	4.98	10.56	17.77
Lintel Weight kg/m		29	66	98	132

Hi-Spec Range		P215	R7	S8	R14
Load Table Units suitable for 215mm wide walls					
Fire Resistance Available (mins)		30	30	30	30
Suitable for Foundation Use		yes	yes	yes	yes
Maximum Stock Length Available		2400mm	3600mm	3600mm Longer lengths available on request - up to 4800mm	3600mm
Available Range Finish			Faced	Faced	Faced
UNFACTORED LOADS IN kN/m					
Length	Clear Span	215x65	215x145	215x215	215x290
900mm	700mm	26.78	90.15	136.58	178.60
1100mm	900mm	16.42	63.86	101.50	142.58
1200mm	1000mm	13.43	52.65	88.97	129.48
1500mm	1200mm	9.27	37.48	66.40	107.73
1800mm	1500mm	5.89	24.49	49.23	83.95
2100mm	1800mm	4.02	17.15	34.87	59.68
2400mm	2100mm	2.88	12.60	25.89	44.45
2700mm	2400mm	n/a	9.59	19.89	34.28
3000mm	2700mm	n/a	7.49	15.69	27.14
3300mm	3000mm	n/a	5.97	12.63	21.94
3600mm	3200mm	n/a	5.18	9.12	18.62
Lintel Weight kg/m		33	75	111	150

Ultra-Fire Lintels



A range of lintels with an enhanced fire resistance. Due to the special coating applied, all of our lintels can achieve a 240 minute load bearing capability when subject to fire conditions.

Finish






These lintels have a slightly different texture to concrete but are smooth. They can also be left natural but we would advise the use of a waterproof sealant to reduce surface dusting.

Order/Specification code

As per the product range (e.g. Ultra-Fire 100-6, Ultra-Fire 100-9, Ultra-Fire 140-6, Ultra-Fire 140-9, Ultra-Fire 215-9.)

Under no circumstances should the Ultra-Fire Range of Lintels be cut down in sizes due to stooled end bearings.



Ultra-Fire Spec Range		Ultra 100-6	Ultra 100-9	Ultra 140-6	Ultra 140-9	Ultra 215-9
Load Table		100mm wide walls	100mm wide walls	140mm wide walls	140mm wide walls	215mm wide walls
The ultimate lintels for the ultimate fire protection						
Fire Resistance Available (mins)		240	240	240	240	240mm
Maximum Stock Length Available		2700mm	3600mm	2700mm	3600mm	3600mm
UNFACTORED LOADS IN kN / m						
Length	Clear Span	100x145	100x215	140x140	140x215	215x215
900mm	700mm	30.09	50.27	18.35	74.70	117.36
1100mm	900mm	22.21	40.11	11.23	59.61	88.69
1200mm	1000mm	18.24	36.42	9.10	54.13	73.10
1500mm	1200mm	12.90	29.03	6.27	40.25	51.21
1800mm	1500mm	8.36	19.32	3.91	26.42	33.53
2100mm	1800mm	5.81	13.42	2.60	18.57	23.50
2400mm	2100mm	4.23	9.90	1.80	13.69	17.27
2700mm	2400mm	3.19	7.57	n/a	10.45	13.14
3000mm	2700mm	n/a	5.94	n/a	8.19	10.26
3300mm	3000mm	n/a	4.76	n/a	6.56	8.17
3600mm	3200mm	n/a	4.17	n/a	5.71	7.08
Lintel Weight kg/m		35	51	47	72	111

Fire-Spec & Faced Fire Spec Ranges



Fire-Spec Range

Naylor Fire-Spec collection is our ex-steel mould finish range of high performance units. They are available in 60, 90 and 120 minutes, dependant upon the section width.

Fire-Spec References

To specify units from this range prefix the Hi-Spec reference with the word 'Fire'.

Example: Fire S5





Fair Faced Fire-Spec Range




Naylor Fair Faced Fire-Spec lintels are also available in a class C fair faced finish and again with a 60, 90 and 120 minute fire rating.




Fair Faced Fire-Spec References

To specify Units from this range prefix the Hi-Spec references with the word 'Faced Fire'

Example: Faced Fire S5

Fire-Spec Range		Fire R3		Fire S5		Fire R8		Fire R11	
Load Table Units suitable for 140mm wide walls									
Maximum Stock Length Available		3000mm		3600mm		3600mm		3600mm	
Available Range Finish		Faced		Faced		Faced		Faced	
Fire Resistance in minutes		60	90	60	90	60	90	60	90
UNFACTORED LOADS IN kN/m									
Length	Clear Span	140x100	140x100	140x140	140x140	140x215	140x215	140x290	140x290
900mm	700mm	33.00	20.92	53.04	44.81	100.57	101.52	128.00	129.32
1100mm	900mm	25.32	12.83	39.75	28.21	80.31	81.07	102.20	103.26
1200mm	1000mm	20.69	10.42	35.12	23.15	70.84	73.64	98.82	93.78
1500mm	1200mm	14.52	7.23	28.10	16.34	40.26	54.98	74.10	78.41
1800mm	1500mm	9.34	4.57	19.49	10.56	39.60	36.33	58.60	63.98
2100mm	1800mm	6.46	3.10	13.67	7.32	26.60	25.69	47.96	47.29
2400mm	2100mm	4.70	2.20	10.07	5.32	21.97	19.05	38.35	35.27
2700mm	2400mm	3.54	1.61	7.68	4.00	16.93	14.63	29.64	27.25
3000mm	2700mm	2.74	1.21	6.03	3.09	13.40	11.56	23.58	21.62
3300mm	3000mm	n/a	n/a	4.83	2.43	10.83	9.30	19.09	17.52
3600mm	3200mm	n/a	n/a	4.20	2.09	9.49	8.13	16.25	14.90
Lintel Weight kg/m		34		47		72		98	

Fire-Spec Range		Fire R2			Fire R190			Fire R13		
Load Table Units suitable for 190mm wide walls										
Maximum Stock Length Available		3600mm			3600mm Longer lengths available on request - up to 4800mm			3600mm		
Available Range Finish		Faced			Faced			Faced		
Fire Resistance Available (mins)		60	90	120	60	90	120	60	90	120
UNFACTORED LOADS IN kN / m										
Length	Clear Span	190x145	190x145	190x145	190x215	190x215	190x215	190x290	190x290	190x290
900mm	700mm	81.86	80.56	62.31	114.50	113.40	121.36	162.20	162.20	162.77
1100mm	900mm	60.78	50.93	39.02	91.80	90.50	95.16	129.49	122.75	129.95
1200mm	1000mm	50.12	41.85	31.94	83.38	82.00	85.70	107.79	107.79	118.02
1500mm	1200mm	35.69	29.65	22.48	67.66	66.20	65.29	97.99	80.67	98.35
1800mm	1500mm	23.34	19.26	14.48	46.87	46.87	43.16	79.77	59.95	72.68
2100mm	1800mm	16.36	13.42	10.01	33.22	33.22	30.51	56.74	46.48	51.66
2400mm	2100mm	12.03	9.82	7.26	24.68	24.68	22.61	42.28	37.37	38.47
2700mm	2400mm	9.17	7.44	5.45	18.98	18.98	17.35	32.63	31.10	29.66
3000mm	2700mm	7.17	5.79	4.20	14.99	14.99	13.67	25.58	25.58	23.48
3300mm	3000mm	5.73	4.59	3.30	12.08	12.08	11.00	20.92	20.92	18.98
3600mm	3200mm	4.98	3.97	2.83	10.56	10.56	9.60	17.77	17.77	16.63
Lintel Weight kg/m		66			98			132		

Fire-Spec Range		Fire R7			Fire S8			Fire R14		
Load Table Units suitable for 215mm wide walls										
Maximum Stock Length Available		3600mm			3600mm Longer lengths available on request - up to 4800mm			3600mm		
Available Range Finish		Faced			Faced			Faced		
Fire Resistance Available (mins)		60	90	120	60	90	120	60	90	120
UNFACTORED LOADS IN kN / m										
Length	Clear Span	215x145	215x145	215x145	215x215	215x215	215x215	215x290	215x290	215x290
900mm	700mm	90.15	85.07	24.88	116.38	119.54	90.55	164.30	177.82	179.07
1100mm	900mm	63.86	53.76	18.64	90.33	94.34	71.98	130.47	141.74	131.50
1200mm	1000mm	52.65	44.17	16.62	80.85	85.10	65.20	118.10	128.72	117.13
1500mm	1200mm	37.48	31.28	13.13	63.66	68.02	53.47	94.85	105.00	90.51
1800mm	1500mm	24.49	20.30	10.54	49.23	49.23	43.20	75.89	83.95	69.23
2100mm	1800mm	17.15	14.13	8.59	34.87	34.87	32.10	59.68	59.68	54.53
2400mm	2100mm	12.60	10.32	7.22	25.89	25.89	23.77	44.45	44.45	42.13
2700mm	2400mm	9.59	7.81	5.44	19.89	19.89	18.22	34.28	34.28	32.47
3000mm	2700mm	7.49	6.07	4.17	15.69	15.69	14.34	27.14	27.14	25.70
3300mm	3000mm	5.97	4.80	3.26	12.63	12.63	11.52	21.94	21.94	20.76
3600mm	3200mm	5.18	4.15	2.78	11.04	11.04	10.05	18.62	18.62	17.61
Lintel Weight kg/m		75			111			150		

Steel Range (L-Strip)



A range of Steel L-Shaped angle lintels suitable for brick and stone to carry the external leaf.

Available in galvanised (Pregalv G600) and stainless steel grade 304. Other specially designed steel lintels available upon request.

All galvanised L-Strip are manufactured from 3mm thick steel.

L-Strip Range		LG85 LS85	LG85 Stone LS85 Stone	LG165 LS165	LG165 Stone LS165 Stone	LG215 LS215	LG215 Stone LS215 Stone
Load Table Units suitable for 90mm and 130mm wide walls							
Maximum Stock Length Available		2100mm	2100mm	2700mm	2700mm	3600mm	3600mm
Available Range Finish		Galvanized Stainless Steel	Galvanized Stainless Steel	Galvanized Stainless Steel	Galvanized Stainless Steel	Galvanized Stainless Steel	Galvanized Stainless Steel
UNFACTORED LOADS IN kN / m							
Length	Clear Span	90x85	130x85	90x165	130x165	90x215	130x215
900mm	700mm	22.85	22.85	62.10	62.10	32.75	32.75
1100mm	900mm	14.63	14.63	39.75	39.75	20.96	20.96
1200mm	1000mm	12.09	12.09	32.85	32.85	17.32	17.32
1500mm	1200mm	8.02	8.02	21.15	21.15	11.50	11.50
1800mm	1500mm	5.37	5.37	13.25	13.25	7.69	7.69
2100mm	1800mm	3.42	3.42	8.51	8.51	5.51	5.51
2400mm	2100mm	n/a	n/a	5.46	5.46	4.14	4.14
2700mm	2400mm	n/a	n/a	3.54	3.54	3.22	3.22
3000mm	2700mm	n/a	n/a	n/a	n/a	2.58	2.58
3300mm	3000mm	n/a	n/a	n/a	n/a	2.11	2.11
3600mm	3200mm	n/a	n/a	n/a	n/a	1.86	1.86
Lintel Weight kg/m		5		7		9	

Economy Range



A cost effective fully reversible unit for when you have a standard housing situation or small load situation.








Finish

An ex-steel mould finish and made from wet cast concrete. May see small air holes on the surface, aggregate and concrete fines to bottom arrises. For use normally in plastered situations. For exposed situations see Fair Faced Range.

Order/Specification Code

Please see the Economy Load Tables (e.g. ER1, ER2 etc).

The Economy Range is manufactured in lengths up to 3m and offer 30 minutes fire resistance only.

Economy Range		ER1	ER2	ER3	ER4	ER6	ER7	ER8
Load Table								
Suitable for Foundation Use		Yes	Yes	Yes	Yes	Yes	Yes	Yes
Available Range Finish		Standard	Standard	Standard	Standard	Standard	Standard	Standard
UNFACTORED LOADS IN kN / m								
Length	Clear Span	100x65	100x140	140x65	215x70	140x140	100x215	140x215
900mm	700mm	8.31	30.04	10.08	17.73	36.87	59.38	75.93
1100mm	900mm	5.07	18.80	6.13	10.81	23.06	47.40	56.61
1200mm	1000mm	4.10	15.39	4.96	8.76	18.87	40.95	46.66
1500mm	1200mm	2.83	10.83	3.42	6.04	13.25	28.83	32.81
1800mm	1500mm	1.78	6.97	2.13	3.79	8.51	18.90	21.46
2100mm	1800mm	1.19	4.81	1.42	2.55	5.86	13.27	15.03
2400mm	2100mm	0.84	3.49	0.99	1.79	4.23	9.78	11.04
2700mm	2400mm	n/a	2.61	0.71	1.30	3.15	7.46	8.39
3000mm	2700mm	n/a	2.01	0.52	0.96	2.41	5.85	6.55
Lintel Weight kg/m		16	34	22	34	47	51.6	72

Economy Range		ER1	ER2	ER3	ER4	ER6	ER7	ER8
Orientation		On Edge	On Edge	On Edge	On Edge	On Edge	On Edge	On Edge
UNFACTORED LOADS IN kN / m								
Length	Clear Span	65x100	140x100	65x140	70x215	140x140	215x100	215x140
900mm	700mm	12.27	22.53	19.85	40.89	36.87	40.97	53.49
1100mm	900mm	7.59	13.91	12.43	31.73	23.06	25.34	38.96
1200mm	1000mm	6.18	11.33	10.18	26.16	18.87	20.65	31.88
1500mm	1200mm	4.31	7.89	7.16	18.42	13.25	14.42	22.42
1800mm	1500mm	2.75	5.02	4.61	12.07	8.51	9.19	14.42
2100mm	1800mm	1.89	3.42	3.18	8.47	5.86	6.30	9.95
2400mm	2100mm	1.35	2.45	2.31	6.24	4.23	4.53	7.20
2700mm	2400mm	n/a	1.80	1.73	4.76	3.15	3.37	5.39
3000mm	2700mm	n/a	1.36	1.33	3.73	2.41	2.57	4.14
Lintel Weight kg/m		16	34	22	34	47	51.6	72

Padstone Range

Padstones

Dimensions L x W x H mm

100 x 140 x 100

215 x 140 x 100

330 x 140 x 100

440 x 140 x 100

140 x 140 x 140

215 x 100 x 215

215 x 140 x 215

215 x 190 x 215

215 x 215 x 215

300 x 100 x 215

300 x 140 x 215

300 x 190 x 215

300 x 215 x 215

330 x 100 x 215

330 x 140 x 215

330 x 190 x 215

330 x 215 x 215

330 x 100 x 290

330 x 140 x 290

330 x 190 x 290

330 x 215 x 290

440 x 100 x 215

440 x 140 x 215

440 x 190 x 215

440 x 215 x 215

440 x 100 x 290

440 x 140 x 290

440 x 190 x 290

440 x 215 x 290



A full range of padstones are available with a strength that is a minimum of 50N/mm². We have a large range of 29 sections available as standard stock items with an additional 6 L-shaped padstones. Specials can be made also at a competitive price and the quality assures you that the concrete will take any loads placed upon it.

L-Shaped Padstone - Section mm

Dimensions L x W x H mm

215/215 x 100 x 215

300/300 x 100 x 215

330/330 x 100 x 215

440/440 x 100 x 215

330/330 x 140 x 215

440/440 x 140 x 215



EasiWall Blocks & Whites Concrete

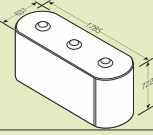
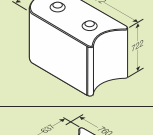

EasiWall Blocks

Retaining Wall & Material Bay System

Section - mm	Size	Price £ each
	1500 x 600 x 600	POA
	900 x 600 x 600	POA
	600 x 600 x 600	POA
	1500 x 600 x 600	POA

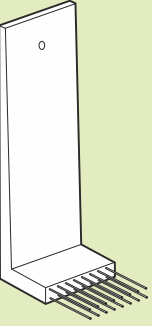
EasiWall Contour

Retaining Wall System

Section - mm	Reference	Price £ each
	Contour 302 1785 x 637 x 722	POA
	Contour 211 1272 x 637 x 722	POA
	Contour 120 760 x 637 x 722	POA

Whites Concrete

Rockwall L-Shaped Precast Wall Unit

	Width mm	Height mm	Price £ each
	1000	2550 3200 3800	POA
Cast-In or Bolt Down option available. Special height and width panels available on request. Single load or double load options.			

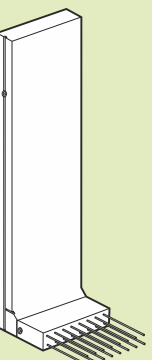
COMING SOON . . .

Mini Rockwall L-Shaped Precast Wall Unit

Available in heights up to 2000mm with thinner stem for reduced loading applications

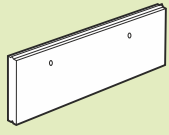
Whites Concrete

Groundwall Heavy Duty L-Shaped Precast Wall Units

	Width mm	Height mm	Price £ each
	1000	To suit, up to 5000	POA
Cast in Option only. Reinforcement available H16 & H20 depending upon loading requirement.			

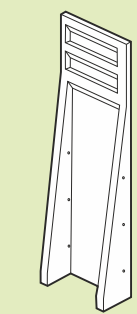
Whites Concrete

Baywall Prestressed Concrete Walling System

	Width mm	Thickness mm	Price £ each
	1000	80 115 150	POA
Maximum length available up to 7.5m Subject to loading conditions			

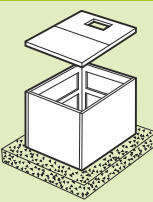
Whites Concrete

Sealwall Panels

	Width mm	Height mm	Price £ each
	1050	Up to 4000	POA
Rectangular or circular arrangement for use in liquid holding tanks			

Whites Concrete

Modular Tanks

	Standard Size mm	Price £ each
	2400 x 2400 square x 2000 deep*	POA
Below ground storage of most liquid types. *10 cubic metre/2500 gallon capacity. Can be combined to make larger tanks.		

Drawings not to scale.



Rockwall Precast Wall Units

L shaped wall and corner sections cast up to 3.8m high



Sealwall Liquid Holding Tanks

Precast sections up to 4m high for rectangular or circular tanks.



Baywall Prestressed Panels

Prestressed walling system available in thicknesses of 80, 115 and 150mm.



Groundwall Precast Wall Units

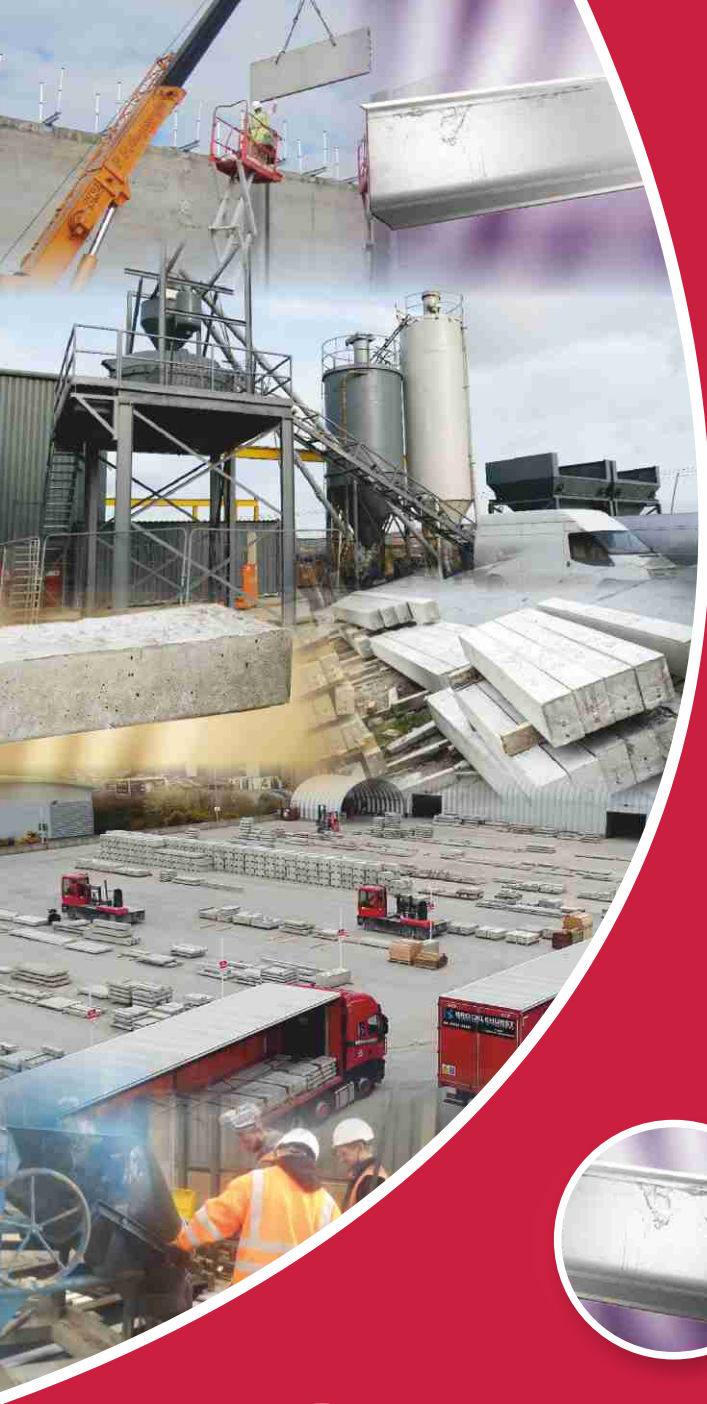
Thicker, heavy duty L shaped groundwall panels cast up to 4m high.



Modular Precast Tanks

Concrete tanks for below ground with solid or slatted concrete cover.





Hi-Spec and Fair Faced Lintels



Fire-Spec, Faced Fire and Ultra-Fire Lintels



Padstones



L-Strip Lintels



Whites Concrete

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the Construction Industry**

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- Thermachem - Chemical Drainage and Industrial Ceramics
- Band-Seal couplings for the repair of and connections into existing pipelines
- Plastic Land Drainage, Twinwall Ducting Systems and Access Boxes
- Yorkshire Flowerpots, a range of frostproof plant pots

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