

Cast Iron Stair Treads, Landings and Spirals

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Cast Iron Stairs, Treads and Landings

Cast iron staircases represent one of the most beautiful and practical testaments to Victorian design and engineering. Their use and versatility mean that they are as popular in both private and public projects today as they were 200 years ago. Whether you are looking to add value to your property, or just wanting a practical resolution to a problem, we are expertly placed to help.

We have a huge range of ornamental and structural cast iron treads and landing plates suitable for both spiral stairs and straight runs. If you cannot find what you are looking for in this section please view our range of heritage ventilation grilles and gratings which give a more ornate alternative to standard landing panels.

All castings are hand-made to order using traditional foundry methods and can be produced in grey iron.



LCC Design Treads, Landings and Risers

Not our most ornamental designs but definitely one of the most practical. These castings are the perfect accompaniment to fully functional, traditional, external staircases and fire exits. These have been used throughout the UK for almost 200 years (especially in the greater London area) and we still produce thousands of treads and landings every year for a range of commercial and private clients.

Purchasing Guide: Treads

- Treads are specifically designed to be bolted to steel stringers. Standard treads are supplied with lugs for bolting to stringers.
- Risers can be added where required (see riser section).
- Standard hole centres are 28.57mm down from the top of the tread and 54mm in from the front of the tread for all treads above 225mm.
- All treads below 205mm have 85mm hole centres.
- Hole centres are 117mm.
- Holes are 16mm diameter.
- Tread depth is 50mm.
- Treads can be supplied with or without lugs on request.

LCC001

Length (mm)	Width (mm)	CI Weight (kg)	Length (mm)	Width (mm)	CI Weight (kg)
533	102	4.50	900	280	20.00
610	102	5.50	914	178	16.00
610	127	6.50	914	203	16.50
610	152	7.00	914	229	16.50
610	178	9.00	914	241	15.50
610	203	10.50	914	254	15.50
610	229	11.50	914	279	20.00
610	254	12.50	914	311	26.00
610	305	13.00	991	178	16.50
686	152	9.00	991	229	18.25
686	178	9.50	991	279	24.00
686	203	11.00	1000	254	19.00
686	229	12.50	1000	280	26.00
686	257	13.00	1000	305	25.00
762	152	11.00	1067	178	17.00
762	178	12.50	1067	203	17.25
762	191	13.00	1067	229	20.00
762	203	13.00	1067	254	23.00
762	229	14.00	1067	279	26.00
762	254	12.50	1067	305	28.00
762	279	16.50	1219	203	20.00
800	254	15.00	1219	229	25.00
800	280	16.50	1219	254	24.00
838	178	13.00	1219	279	26.00
838	229	16.00	1219	305	28.00
838	254	16.50	1372	305	39.00
838	267	17.00	1524	254	44.00
900	254	18.00			

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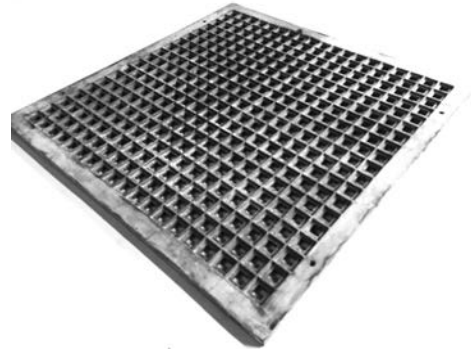




LCC design Treads, Landings and Risers continued

Purchasing Guide: Landings

- Landing thickness is 14mm.
- All landings have a 38mm border.
- All landings can be supplied with or without a nosing – this should be requested at the time an order is placed. Please ensure positioning of the nosing is clarified.
- Drilling can be carried out on all landings` at an extra cost.
- Thanks to the traditional moulding techniques used we can create smaller landings, winder plates and kite plates from the standard sizes at an extra cost. This gives our clients great versatility when dealing with tight staircase dimensions. Please note that the border size may vary slightly with these specials.



LCC003

Length (mm)	Width (mm)	CI Weight (kg)	Length (mm)	Width (mm)	CI Weight (kg)
1067	1067	73	762	610	31
1067	762	54	762	762	37
1067	914	63	914	610	33
1219	610	48	914	762	45
610	610	25	914	914	55

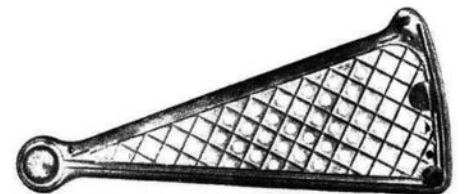
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Standard Spiral Treads

A continuation of the LCC design but for spiral stairs. The simple yet elegant appearance of the treads, coupled with the endless possibilities of baluster options, makes these an extremely popular choice. Whether for internal or external stairs these cannot fail to add character to a property.



SPR001

Diam. (mm)	Left or right hand asc.	Steps to Circle	CI Weight (kg)	Diam. (mm)	Left or right hand asc.	Steps to Circle	CI Weight (kg)
915	LH	12	10	1525	RH	12	20
915	RH	12	10	1525	LH	14	20
1065	LH	12	12	1525	RH	14	20
1065	RH	12	12	1525	LH	16	20
1065	RH	14	13	1525	RH	16	20
1065	LH	16	13	1675	LH	12	21
1065	RH	16	13	1675	RH	12	21
1220	LH	12	14	1675	LH	14	21
1220	RH	12	14	1675	LH	16	21
1220	LH	14	14	1675	RH	16	21
1220	RH	14	14	1830	LH	12	23
1220	LH	16	14	1830	RH	12	23
1220	RH	16	14	1830	RH	14	23
1370	LH	12	17	1830	LH	16	23
1370	RH	12	17	1830	RH	16	23
1370	LH	14	17	2440	LH	18	33
1370	RH	16	17	2440	RH	18	33
1525	LH	12	20	2440	RH	24	33

Purchasing Guide: Standard Spirals

- All treads are designed to take 3 balusters.
- At the bottom of the stair we would generally recommend a newel post.
- Balusters are generally mechanically fixed from the underside of the tread.
- Right Hand Ascending is an anti-clockwise walk.
- Left Hand Ascending is a clockwise walk.
- STC = 'stairs to the circle'.
- ASC = 'Ascending'.

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Cast Iron Stairs, Treads and Landings continued

Albion Design Spiral Treads, Straight Treads and Landings

A far more ornate alternative to the practical fire escape stairs. We have a number of different Albion design treads suitable for both spiral and straight stairs.

Albion Spiral Treads



Albion Straight Treads



Purchasing Guide

- All treads are designed to take 3 balusters.
- At the bottom of the stair we would generally recommend a newel post.
- Balusters are generally mechanically fixed from the underside of the tread.
- Right Hand Ascending is an anti-clockwise walk.
- Left Hand Ascending is a clockwise walk.
- STC = 'stairs to the circle'.
- ASC = 'Ascending'.

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Ref. number	Diam. (mm)	Left or right hand asc.	Depth (mm)	Tread width between outside bar centres (mm)
AB001	1035	LH	205	395
AB002	1270	LH	190	450
AB003	1400	LH	220	300
AB004	1400	LH	220	300
AB005	1675	RH	225	375
AB006	1830	RH	225	375
AB007	1830	LH	220	375
AB008	2100	RH	205	395
AB009	2100	LH	205	395
AB010	2100	RH	205	450

Purchasing Guide

- All treads are designed to take 2 balusters.
- At the bottom of the stair we would generally recommend a newel post.
- Balusters are generally mechanically fixed from the underside of the tread.
- Rises of the treads can be altered at an extra cost to suit requirements.
- Some treads are full patterns including risers.

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Ref. number	Width(mm)	Depth (mm)	Notes
ALB1	900	270	For bolting to M/S stringer
ALB2	762	254	For bolting to M/S stringer
ALB3	692	279	Full tread pattern
ALB4	762	259	Full tread pattern
ALB5	800	280	Full tread pattern
ALB6	1010	254	Full tread pattern

Albion Landings

Ref. number	Width(mm)	Depth (mm)	Notes
AL001	610	610	Standard Size only

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