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Royston Lead are a major producer of engineered lead products supplying markets world-wide.

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# Royston Lead Cast Lead Sheet Guidance Information

For more information get in touch

Call us on (+44) 01226 770 110 or Visit [www.roystonlead.co.uk](http://www.roystonlead.co.uk)

HELLO

WELCOME

## We are Royston Lead



Green Credentials

3



Health and Safety

4



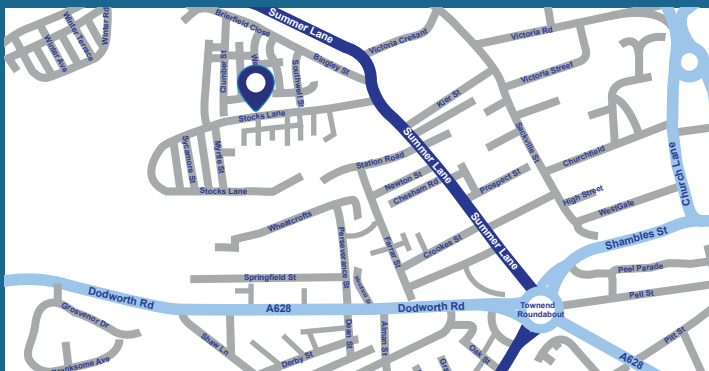
Code Weights and Thickness

5-7



Material Usage

8-11



### How to find us

Once you come to the Townend Roundabout, turn onto Summer Lane and follow the road up until you see Stock Lane, turn down that road and follow it until you get to Royston Lead, Pormoor Works.

2

For more information give us a call on 01226 770 110 or visit [www.roystonlead.co.uk](http://www.roystonlead.co.uk)

## The world's greenest building material

One of the oldest and most durable building materials lead continues to perform.

Reclamation uses little energy and as a result there is an efficient recovery network in the UK that ensures over 95% of lead is recycled.

“  
Great in Buildings  
that are over  
**500**  
Years old  
”

Compared with its short lived substitutes and their significant effect on global warming both in production and disposal, specifying lead is the environmentally friendly option.

### Lead Sheet

Why it is greener than other products?

✓	Over 95% of lead sheet is reclaimed
✓	100% performance of reclaimed product
✓	Energy efficient recycling is environmentally friendly
✓	Fit and forget - it actually improves with time
✓	Outlasts petrochemical substitutes many times over.

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GREEN CREDENTIALS

3



# HEALTH AND SAFETY

4

## When using Lead Sheet

### DO's

1



Apply barrier cream before starting work.

2



Wear gloves when handling lead.

3



Scrub hands thoroughly when you finish and before eating or smoking.

4



Wear a mask when welding.

### DONT's

1



Don't eat or drink when working with lead.

2



Don't smoke when working with lead.

There is very little danger to health when handling lead provided a common sense approach is taken and these simple guidelines are followed. For more detailed information a booklet entitled 'LEAD AND YOU' is available from the HSE website.

For more information give us a call on 01226 770 110 or visit [www.roystonlead.co.uk](http://www.roystonlead.co.uk)

## A guide to Cast Codes and Thickness



# CODE WEIGHTS & THICKNESS

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CODE NO. Colour Mark	CODE 3 Green	CODE 4 Blue	CODE 5 Red	CODE 6 Black	CODE 7 White	CODE 8 Orange
Thickness (mm)	1.32	1.80	2.24	2.65	3.15	3.55
Weight (kg/m <sup>2</sup> )	14.97	20.41	25.40	30.05	35.72	40.26
Used for	A	ABCE	BCDE	BCDE	CDE	CDE

A Soakers B Flashings C Pitched valley gutter  
D Parapet, box and tapered valley gutter E Dormers

## Thermal Movement

One of the main issues that must be considered when fitting lead sheet is thermal movement of the metal. Experience has shown if adequate allowance for thermal movement is not made there is a risk that the lead sheet can buckle and fatigue crack. Therefore it is important to limit the size of each piece of lead sheet where it is fitted externally, and to accommodate for expansion

simple over lap joints are normally used for flashings, with drips/steps and wood cored rolls used for gutter installations. Bonding lead sheet with sealants or adhesive is not advised as these can over fix the metal and cause issues with premature fatigue failure. If any additional information is required please call Royston Lead Ltd on the number shown at the bottom of the page.

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# A guide to Cast Codes and Thickness

CODE NO.	CODE 4	CODE 5	CODE 6	CODE 7	CODE 8
Colour Mark	Blue	Red	Black	White	Orange

## Flat Roofs - 10° or Less

Maximum spacing of joints with the fall	500	600	675	675	750
Maximum spacing of drips	1500	2000	2250	2500	3000

## Gutters - Boxed or Tapered

Maximum spacing of drips	1500	2000	2250	2500	3000
Maximum overall girth	750	800	850	900	1000

## Vertical Cladding Dormer Cheeks

Maximum spacing of vertical joints	500	600	-	-	-
Maximum spacing between laps	1500	2000	-	-	-

## Flashings

All flashings and pitched valley gutters (except for verges of asphalt/felt roofs)	1500	1500	-	-	-
Flashings to verges of asphalt and felt roofs	1000	1000	-	-	-
Ridge roll cappings	1500	2000	2000	-	-
Hip roll cappings	1500	1500	1500	-	-



# CODE WEIGHTS & THICKNESS

Used for?	CODE 3 Green	CODE 4 Blue	CODE 5 Red	CODE 6 Black	CODE 7 White	CODE 8 Orange
Recommended for lead soakers only	✓					
Areas of sheltered or moderate exposure		✓				
Areas of severe exposure				✓	✓	
Cover flashings		✓				
Chimney flashings		✓				
Hip flashings				✓	✓	✓
Ridge flashings				✓	✓	✓
Pitched valley gutters		✓				
Box valleys						✓
Lead slates		✓				
Damp proof courses		✓				
Bay windows			✓			
Dormer roofs			✓			
Porches roofs			✓			
Church roofs						✓
Flat roofing						✓
Flat or low pitched roofs				✓	✓	
Vertical cladding			✓			
In exposed conditions where there is a risk of wind lift.			✓			
Parapet walls				✓	✓	
Lead projections				✓	✓	
Most work on historic or listed buildings						✓



# MATERIAL USAGE

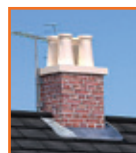
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## CAST LEAD FLASHING

Trim Lead edge special to required shapes.

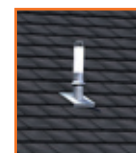
Code ■ ■



## CAST LEAD ROLLS

Cast Lead

Code ■ ■



## CAST LEAD SLATES

Cast Lead

Code ■



## CAST LEAD FLASHING

Cast Lead  
3m x 6 m long rolls



## CAST LEAD FLASHING

Cast Lead

Code ■ ■



## CAST LEAD FLASHINGS

Bay windows,  
Trim Lead.



# MATERIAL USAGE

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# MATERIAL USAGE

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## CAST LEAD ROLLS

Cast Lead

Code ■ ■ ■  
■ ■



## CAST LEAD FLASHINGS

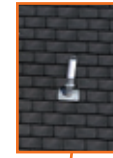
Cast Lead

Code ■ ■

## CAST LEAD SLATES

Cast Lead

Code ■



## CAST LEAD FLASHING

Cast Lead

Code ■ ■



## CAST LEAD PLANTERS



## CAST LEAD SHEET

Wood Core Roll

Code ■ ■ ■  
■ ■



# MATERIAL USAGE

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We look  
forward to  
hearing from you



(+44) 01226 770 110



(+44) 01226 730 359



[info@roystonlead.co.uk](mailto:info@roystonlead.co.uk)



[www.roystonlead.co.uk](http://www.roystonlead.co.uk)



Stocks Lane, Barnsley, S75 2DS

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