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We design, manufacture and can install high quality cast stone products

Procter Cast Stone is part of Procter Bros Ltd., a family owned business established in 1740. We are one of the UK's leading cast stone specialists, and offer you a comprehensive service to manufacture, supply and install high quality custom made products throughout the UK, as well as supplying a range of standard products from stock.

To ensure you get the best cast stone, great emphasis is placed on both high product quality and outstanding customer service. Our cast stone products are made from a semi-dry matrix that has been developed over many years, and is cost-effective and offers consistent quality and colour. This means you can use our products with confidence in a very wide range of applications, including residential, retail, commercial, religious, self-build, as well as restoration projects where stone detailing is required.

What you can expect from Procter Cast Stone at a glance

- Outstanding expertise in cast stone with over 30 years' of manufacturing excellence
- The ability to create custom designed products in virtually any stone colour
- Design advice in conjunction with using your architects' drawings
- Standard products kept in stock
- Full UK and Overseas coverage from our central base
- Expertise in all building types including residential, commercial, retail and religious
- Our own mould making studio is a key factor in providing you with very high quality products and great value for money

For more details go to www.caststoneuk.co.uk

Are you new to cast stone?

If you're not familiar with cast stone and its many benefits, here's a brief outline...

Cast stone is an attractive and generally very cost-effective alternative to quarried stone. As its name suggests, cast stone is formed in moulds from a mix of natural raw materials making Procter Cast Stone virtually indistinguishable from quarried stone.

Cast stone's benefits can be summarised as follows:



- Freedom of Design

Almost any three-dimensional geometric form can be cast, allowing architects to design elegant curves as well as straight-edged features. Additional details can also be incorporated into the surface, such as brick effects or channels. Furthermore, a variety of surface finishes and textures can be achieved in order to compliment brickwork, natural stone, or rendering.

- Casting from a mould means identical units

This is a real advantage over quarried stone when multiple units of the same design are required. Once the mould is made, any number of identical cast stone units can easily be produced.

- Ease of handling

Whilst a degree of care is required for site handling of cast stone units, larger products can have threaded inserts cast-in to take lifting eyes. This facilitates mechanised lifting; simplifying site handling and minimising the risk of damage to the units during installation.

- Replication of existing units

Moulds can be created to replicate existing stonework where a building is being restored or extended. As cast stone weathers in a similar way to natural stone, there is usually no problem with installing new cast stone units alongside existing originals.

- Colour matching

You can select from a range of standard colours that have been specifically developed to match most indigenous stone colours. You can see the details of these on page 29. If you find that the standard colours on offer don't quite give the desired effect, a colour matching service is available to you.

- Efficiency and time saving

Cast stone products can be delivered to site to an agreed schedule. Once a mould is made, individual products can quickly be produced.

- Consistency of quality

Procter cast stone is manufactured in accordance with strict quality assurance procedures to exceed BS1217 under closely controlled conditions. This means you can be assured of consistent quality, durability, colour and finish. All of this helps to reduce project risk and keep schedules on target.

To learn more about how we make cast stone and to see some of its various applications, visit our website and view the short video www.caststoneuk.co.uk

At Procter Cast Stone our aim is to provide you with a full suite of services and to ensure that your experience with us is complete, efficient and as hassle-free as possible.

We split our services into six main areas...



1. Technical consultation

Our technical staff provide free help to architects, other specifiers and self-builders in order to ease the selection and design of all cast stone features. Involving us at an early stage in a project ensures that all issues can be taken into account such as design, technical performance and budget parameters, as well as scheduling deliveries to suit building programme requirements.

Our team has many years experience, and this can be invaluable to our customers. This is helpful because for many of the people we deal with, cast stone features are a very infrequent purchase – or, for some, may even be a one-off purchase. As a consequence, this relatively specialist building product is not something which everyone knows a great deal about, and therefore having technical experts on hand is obviously very important and useful.

Our technical consultation service provides:

- **Initial advice on the suitability of cast stone for the project**

No matter what project you have in mind – be it new build or restoration – an initial discussion with us will determine suitability and cost effectiveness. It may also offer some new ideas on the use of standard products helping keep your costs under control.

- **More detailed input on design for specific features**

Once the decision is made to use cast stone within your building project, a more detailed assessment is sometimes needed and from here our experts can help with design of specific features. At this point we'd also consider performance factors such as weight loading, and if the project was a building restoration then we'd normally meet our customer on site.

- **Site meetings**

We are very happy to meet you on site to discuss in detail the technical requirements for the cast stone features you need. During these meetings we often address other related questions concerning technical advice, and answer questions about cast stone generally. Where the project is a building renovation and where there are a number of different designs of cast stone feature to be installed, a site meeting with us is generally recommended.

- **Final specification on all features needed**

With the above complete and your order placed, we will agree the final design and specification of the individual cast stone products with you prior to manufacture.

- **Production and delivery scheduling – plus installation option**

An important element of the support service we provide concerns the timing of production and delivery to site, plus advice on handling, pointing of joints and installation. This helps you because we understand from our considerable experience the length of time each stone takes to make. The means we can advise you on exact timings to ensure the cast stone products are ready on the day they're needed. We also offer a specialist installation service for certain items, and can advise on the peace of mind this offers.

2. Detailed quotations

For any aspect or element of a new building or renovation, it is clearly vital to know what the cost is going to be. For cast stone architectural features, we can provide you with an accurate cost at the design stage assuming all details are available, or it may be possible to provide a budget price if they are not. For fully detailed quotations, we can use architects' designs, bills of quantity or, best of all, a stonework schedule. For budget costings we can work from basic information such as number and type of features that are likely to be required, along with length, breadth and height dimensions. A rough sketch always helps too.

We cover every aspect of the job, and central to what we do is ensuring that there are no hidden extras for you. Every aspect is fully detailed to ensure you know exactly what the final total will be – assuming the requirements don't change of course.

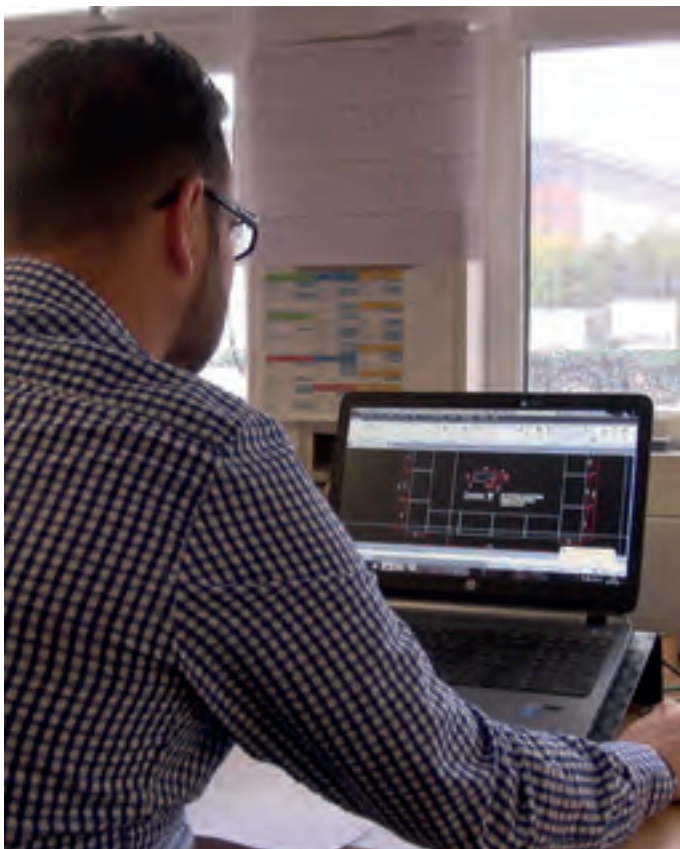
All quotations include dimensions of the products quoted and total weight of the items to be supplied. If material samples are needed, we can also supply these to show the colour and finish of the product quoted.

3. Custom design

We very much specialise in the manufacture of individually designed cast stone features to meet specific project requirements. The overall design of these units comes either from architects' drawings, or from pictures you might provide. We are often asked to produce a design based on rough visuals, a variation of one of our standard products, or just from a verbal brief, and we always aim to help as much as we can.

This approach of carrying out custom design for cast stone features is typically more cost effective for you, as our in-depth knowledge on a technical level means we are able to take all factors into account – not just aesthetics. These factors include the practicalities and economy of mould manufacture and stonework production, along with how the stonework design may impact on the build.

Qty	Unit	Description	Price
1.00	ARTSTONE UNIT 11	as shown on Drawing NE-2015-5-AC-087-2 Rev B comprising Cast Stone Units to Profile A & A1. All stones to be plain ended. Priced per lin mtr and supplied in suitable lengths	1.00
1.00	ARTSTONE UNIT 12	as shown on Drawing NE-2015-5-AC-087-2 Rev B comprising Cast Stone Units to Profile A & A1. All stones to be plain ended. Priced per lin mtr and supplied in suitable lengths	1.00
1.00	ARTSTONE UNIT 13	as shown on Drawing NE-2015-5-AC-087-2 Rev B comprising Cast Stone Units to Profile D. All stones to be plain ended. Priced per lin mtr and supplied in suitable lengths	1.00
1.00	ARTSTONE UNIT 14	as shown on Drawing NE-2015-5-AC-087-2 Rev B comprising Cast Stone Units to Profile D. Plain Ended	1.00
1.00	ARTSTONE UNIT 15	as shown on Drawing NE-2015-5-AC-087-2 Rev B comprising Cast Stone Units to Profile D. All stones to be plain ended. Priced per lin mtr and supplied in suitable lengths	1.00
1.00	ARTSTONE UNIT 16	as shown on Drawing NE-2015-5-AC-087-2 Rev B comprising Cast Stone Units to Profile A. All stones to be plain ended. Priced per lin mtr and supplied in suitable lengths	1.00
1.00	ARTSTONE UNIT 17	as shown on Drawing NE-2015-5-AC-087-2 Rev B comprising Cast Stone Units to Profile A. All stones to be plain ended. Priced per lin mtr and supplied in suitable lengths	1.00
1.00	ARTSTONE UNIT 18	as shown on Drawing NE-2015-5-AC-087-2 Rev B comprising Cast Stone Units to Profile A. Plain Ended and External Corners as required. Priced per lin mtr and supplied in suitable lengths	1.00
8.00	ARTSTONE UNITS 19, 20, 21, 22, 23, 24, 25, 26, 27, 28	as shown on Drawing NE-2015-5-AC-087-2 Rev B comprising Cast Stone Units to Profile B / B1. Plain Ended and Terminal Ends as required. Priced per lin mtr and supplied in suitable lengths	8.00
1.00	ARTSTONE UNIT 24	as shown on Drawing NE-2015-5-AC-087-2 Rev B comprising Cast Stone Units to Profile B / B1. Twice Weathered Terminal End Coping	1.00
1.00	ARTSTONE UNIT 29	as shown on Drawing NE-2015-5-AC-087-2 Rev B comprising Cast Stone Units to Profile C. Plain Ended and External Corners as required.	1.00
.00	ARTSTONE for SUBSTATION	as shown on	.00



4. Manufacture

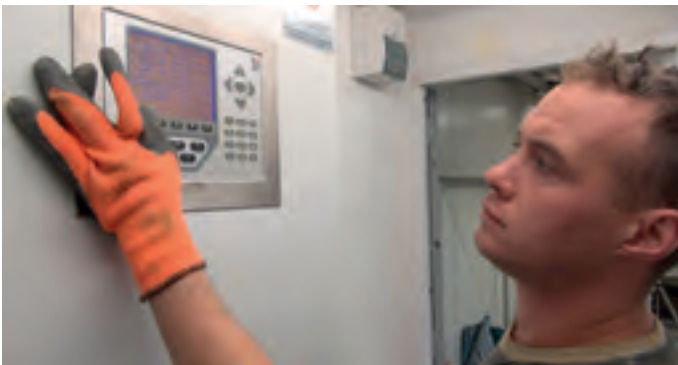
The quality of the products you can buy from Procter Cast Stone is excellent, as the unique mix design we use has been developed over many, many years. To give you further confidence, Procter Cast Stone is a full member of the United Kingdom Cast Stone Association (UKCSA), which demands high manufacturing quality standards, much higher than BS1217, from its members (see pages 30 and 31 for more details). The factory and mould studio have both been independently inspected by UKCSA and comply with industry-leading health and safety requirements, as well as ensuring that all product testing is carried out in accordance with the UKCSA Quality Mark.

There are five main stages to the manufacturing process:



- Moulds

Moulds are made to the exact dimensions taken from your architect's drawings or our workshop drawings. Unlike some cast stone manufacturers, we have our own team of highly skilled, directly employed craftsmen to make the moulds needed for your project. This gives you extra confidence as we have total control over the intricacies of a very important stage of the manufacturing process. Once the moulds have been tested and checked to ensure they are perfect, they are approved and ready for the next stage of manufacture.



- Preparation of the cast stone mixture

This is an especially critical part of the process because there are a number of key factors we have to take into account, including the relative quantities of different loose materials which go into the mix, which have to be exactly right to ensure the end product is of the correct finish, strength and colour.

- Filling the moulds

A process involving more skill than you might think! The filling of moulds, adding reinforcing bars and compacting the mixture using mechanical tools, is the next element of the manufacturing cycle. It is this part of the procedure that forms the stone's surface.



- Curing

Originally, Procter Cast Stone used an early version of an open curing area to ensure that the stone cured correctly. However, although better than relying on variable natural conditions, this proved to be a very inexact science. As a result, in 2015 the company introduced a brand new vapour curing system that gives the stone the equivalent of fourteen days strength overnight. This guarantees your stone will be uniformly cured no matter what the weather is throwing at us.

- Final quality checks

Once fully cured, final quality checks are carried out on the stone before approving the product and packing on pallets with shrink wrapping, ready for delivery or collection.





5. Delivery

Although some of our customers may find it convenient to collect from our premises (in particular for standard products), generally speaking we deliver to site – and on a specified day to ensure the product is ready as part of your building schedule.

We can arrange deliveries using a truck-mounted crane where required, or on a flatbed lorry when a cost effective solution is required. We use our own lorries or trusted specialist delivery partners, which means there's a full understanding of how your product needs to be handled to ensure safety and preservation of perfect condition.



6. Installation

For relatively simple cast stone features, perhaps a cill or head, it's generally the case that a building contractor will have all the necessary skills to install them properly. However, for more complex features – e.g. a portico or balustrading – our customers often prefer to use our own directly employed expert installation team. By retaining us as a specialist installer you can be sure that we will get the job right first time. This can, in the long run, save money and lower the risk of using someone whose experience in handling and installing cast stone is limited.

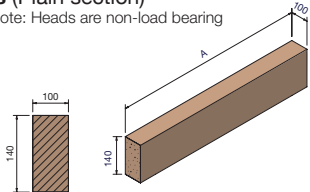
There's also the advantage that the cast stone feature or features remain our responsibility right up until the installation is complete and signed off. In this respect, there's the added reassurance of knowing that the investment remains secure throughout the installation.

For more details about all of our services, go to www.caststoneuk.co.uk/cast-stone-services

Stock products available for collection or delivered direct to site

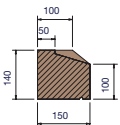
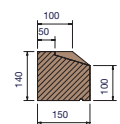
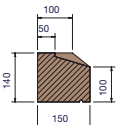
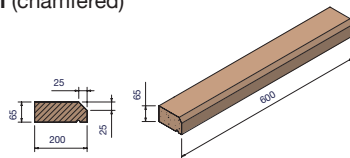
We hold a large range of high quality standard cast stone products in stock ready for collection or immediate delivery, or can quickly produce if more are needed or a special colour is required etc. Our standard range of products includes all the items in these tables.

Cast stone heads

Description	Dimensions	Approx weight	Drawings
Head, plain section	1500 x 100 x 140	47kg	Heads (Plain section) Please note: Heads are non-load bearing 
Head, plain section	1215 x 100 x 140	38kg	
Head, plain section	930 x 100 x 140	29kg	

Standard length for heads:-
 A=1500 A=1215 A=930
 100 x 215 heads made to order

Cast stone cills

Description	Dimensions	Approx weight	Drawings
Cill, stooped	1215 x 150 x 140 930 x 150 x 140	58kg 44kg	Cill (stooped) 
Cill, Stooped (LH)	1200 x 150 x 140 898 x 150 x 140	57kg 42kg	Cill (stooped) 
Cill, Stooped (RH)	1200 x 150 x 140 898 x 150 x 140	57kg 42kg	Cill (stooped) 
Cill, Chamfered	600 x 200 x 65	20kg	Cill (chamfered) 

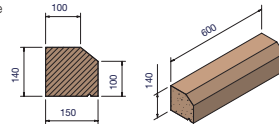
Standard lengths for cills:-
 A=1215 B=915
 A=930 B=630

Standard LH stooped cill:-
 A=1200 B=1050
 A=898 B=748

Standard RH stooped cill:-
 A=1200 B=1050
 A=898 B=748

Standard slip cill

Cast stone string course

Description	Dimensions	Approx weight	Drawings
String courses, Chamfered	600 x 150 x 140	28kg	String courses (chamfered) Type 2 string course typical section 

String course

Cast stone quoin

Description	Dimensions	Approx weight	Drawings
Quoin, 'L' shaped - Plain	330/215 x 100 x 215	22kg	Quoin ('L' shaped) Chamfered quoins made to order Quoin (Plain section) Quoin (Chamfered) Section

Cast stone coping

Description	Dimensions	Approx weight	Drawings
Coping - flat & throated	1000 x 350 x 50	40kg	Coping (Plain section)
Coping - 1 x Weather & Throated	600 x 315 x 75/50	32kg	Coping (1 x weathered)
Coping - 2 x Weather & Throated	600 x 315 x 75/50	32kg	Coping (2 x weathered)

Cast stone pier cap

Description	Dimensions	Approx weight	Drawings
Pier cap - 4 x Weather & Throated	550 x 550 x 100/50	51kg	Pier caps (4 x weathered)
Pier cap - 4 x Weather & Throated	500 x 500 x 100/50	42kg	Pier caps (4 x weathered)
Pier cap - 4 x Weather & Throated	450 x 450 x 100/50	35kg	Pier caps (4 x weathered)

Your standard product in any colour held by us ready for call-off

For certain projects – e.g. a housing development where exact build schedules are not applicable – a customer may require us to manufacture specific cast stone features and then hold them in stock ready for immediate call-off. This is always something we're happy to consider, and will work with our customer to ensure the products are always available.

For more details about our range of stock products do to www.caststoneuk.co.uk/standard-stock

We think it's fair to say that, over the years, we've gained an outstanding reputation for turning clients' ideas and concepts into the highest quality cast stone architectural features. We've achieved this through the skills and vast experience of our designers, mould making craftsmen and dedicated production and installation teams.

Whatever your project, Procter Cast Stone can custom make almost any shaped cast stone unit to almost any size – the only constraint being your imagination.



Ashlar walling, window cills & heads and quoins



Ashlar walling on contemporary retail building



New portico on restored residential property



Portico on new residential property



Portico, window surrounds and gable vent



Wall copings on bridge restoration project



Extensive use of cast stone on new temple



Portico, canopy, window mullions, cills and heads



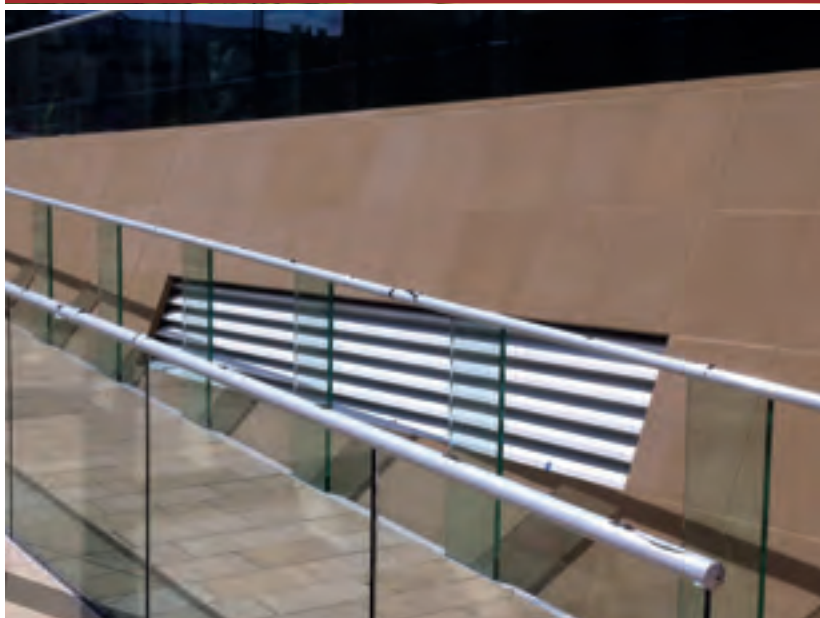
Window mullions, cills, heads and door jambs



Window surrounds on contemporary residential building



Replacement arch on restoration project



Ashlar walling on contemporary commercial property



Extensive use of cast stone on stunning equine facility



Quoins used on new residential property



Beautiful use of cast stone pillars and cornice



Canopy above retail store entrance



Ashlar walling, window cills and decorative heads, string course and door surround



Impressive use of wall copings and pier caps

Entrance features

If you are considering a new entrance feature, Procter Cast Stone can offer you many standard and custom made options. You can choose from porticos, face-fixed door surrounds, door heads, jambs and thresholds, all designed and made to order to achieve a stunning visual impact – and cost effectively.

Porticos

For centuries, portico entrances have provided shelter from the weather and a focal point for a property's main entrance. Today Procter Cast Stone offers you the opportunity to enhance what otherwise might be a plain entrance door with a standard or custom designed Cast Stone portico. By using a combination of standard columns and pilasters or half columns you can create an entranceway of individual style manufactured by specialists and installed by professionals. A unique one stop shop.



Door surrounds

If a full portico is not suitable to your requirements, you might like to consider the supply and installation of a standard or custom design Procter Cast Stone door surround. These elegant features bring strong focus to an entrance way, and can generally be supplied and fitted to any type of building whether it be commercial or private. Most entrance features of this type feature half-round columns or flat pilasters that can be face-fixed to your existing wall. By installing adapted versions of standard architrave and cornice units above the half columns or pilasters, a classical and stylish architectural statement can be achieved without breaking the bank.



Arches

A cast stone arch can be created as either the outer frame to a doorway, as an entrance to a vestibule, passageway or courtyard. Working from architect's details, we're able to manufacture arches in any style or colour.



Columns and Pilasters

Columns and Pilasters from Procter Cast Stone that reflect the spirit of classical architecture, can be used for a variety of applications. You can choose from fully round columns through square columns to rectangular plain flat pilasters depending on your requirements. If you feel that classical designs are not for you, then why not discuss the custom options available? With a bit of flair and imagination and by using standard Procter Cast Stone columns it is possible to create pergolas, temples, pavilions or even a mysterious ruin.



Steps

For both step treads and risers, we offer you the opportunity to create endless designs far more cost-effectively than quarried stone. Using cast stone also ensures that each tread or riser is, where needed, identical and in every respect.



Canopies

Canopies over entrance doors are both aesthetically pleasing and a practical addition to any property. They do not require columns to support them as they are generally fixed into the building's outer leaf. We offer you a fitting service if required for these products, which are available in standard or custom sizes to suit the application.



Gate piers

To create an impression at the entrance to the grounds of any property, Procter Cast Stone can help you create an individual and imposing architectural statement. The colour can be matched to that of the property, and we're also able to manufacture, supply and install railings and gates through our Fencing Systems division.



For more details on cast stone entrance features and to see more examples of work we've completed, go to www.caststoneuk.co.uk/entrance-features

Walling

Given that the majority of individual walling components will typically be the same shape and size, the use of cast stone rather than quarried stone becomes a compelling choice. With moulds made in our state-of-the-art studio, any number of pieces can then be made quickly and efficiently in our manufacturing facility.

Walling stones (ashlar walling)

All cast stone products are typically more cost effective than the quarried stone alternatives, and this is especially so for ashlar walling. With the ability to make cost effective usage of moulds, we offer you hand-made smooth faced ashlar walling to compliment standard or custom design cast stone dressings.



String courses

A string course, which can also be called a band course, is used as a horizontal feature within the building's façade, be it brick, stone or render. You can choose from any plain or moulded design that compliments the overall architecture, as the introduction of a Procter Cast Stone string course will become a strong element in the wall's design.



Quoins

Quoins are the stones which you often see at the corner of a building. They form part of the structure and lend the building a solidity that might otherwise be lacking. In an architectural sense, quoins are typically used to create a visual frame to a building that is very pleasing to the eye.



Plinths

You can use plinth blocks to create a continuous course at the base of a wall to form a visually attractive feature. You may like to choose from a plain design, or perhaps go for something more ornate with a chamfer or moulding. Whatever you choose, you will give emphasis to the strength of the building's design. For both residential and commercial new build properties which require plinth blocks, we're able to supply standard product in a wide range of colours, or produce bespoke product to an architect's design.



Copings

For boundary walls and for buildings, Procter Cast Stone wall copings provide protection from water seepage to the wall below, plus create an aesthetically pleasing finish. Along with the ability to manufacture any design of wall coping, including natural stone replacements on restoration projects, our Fencing Systems division can manufacture and install ornamental Juliette balconies or railings to complete the job.



Pier caps

An essential component in a boundary wall, pier caps both protect the pier from water penetration and can be a striking feature. You can use pier caps on their own, or they can be used to sit underneath a ball, finial or other feature – all of which we can manufacture from cast stone.



For more details on cast stone walling components and to see more examples of work we've completed, go to www.caststoneuk.co.uk/walling

Architectural components

Cast stone is the ideal material for architectural components such as corbels, cornices, gable vents, balustrading, name and date plaques, spheres and finials. You can have any or all of these feature components created by Procter Cast Stone to virtually any design, both for new builds and renovation projects.

Corbels

A corbel is a stone which protrudes from a wall and is used to support a structure above it such as a balcony or canopy. Although the cast stone corbels we produce are more typically used on new builds and self-build projects where the property is in a traditional design, you can also choose units with simple lines for more contemporary buildings.



Cornices

A cornice is a horizontal projection which completes the top of a building, and historically were used to divert rain water away from the building's walls. For new build and self-build projects where the property is in a traditional style, you may choose to use Procter Cast Stone cornices for both cost-effective and consistency of product reasons. We can also manufacture cornices for restoration projects, so whatever your project, please do get in touch.



Gable vents

As well as providing a necessary and practical function in the gable of a property, a cast stone gable vent can also be an attractive architectural feature. Although more commonly used as a feature in more traditional properties, gable vents can also be used in contemporary home designs.



Balustrading

In recent years we've completed some high profile projects, including at Bramham Park House (a Grade 1 listed building) and Scarborough Spa Sea Front, where Procter Cast Stone was chosen as the best material to faithfully reproduce heavily worn natural stone balustrades with new cast stone pieces in an identical form. We've also supplied balustrades for a number of prestigious new property builds. You may also like to ask us to quote for the expert installation of these products.



Name and date stones

Usually commissioned by our clients as one-off pieces for new builds, name and date stones are straight forward for us to produce. With the clever work carried out by the craftsmen in our mould-making studio, you can specify various designs so that the necessary words and characters can be incorporated into the mould. As with all our cast stone products, you can choose from any of the standard stone colours (see page 29 for details of colours).



For more details on cast stone architectural components and to see more examples of work we've completed, go to www.caststoneuk.co.uk/products/architectural-components

Window and door surrounds

If you are creating any new building which has a significant amount of cast stone incorporated into the facade, it's likely that door and window surrounds will be included. Both work especially well when the main building material is brick, as the contrast between this and the window and door surrounds can be striking.

Window and door heads

As the name suggests, this architectural feature goes above a door or window, and, typically with windows, a cast stone cill will also be used for visual balance. You can choose from plain section rectangular designs or ones with splayed ends. With options for adding integral or clip-over keystones to the decorative head, although this is essentially a simple element, the choice is almost endless. As with any semi-dry cast stone, supporting structural lintels must be used as these decorative heads are not structural members.



Window cills

Window cills from Procter Cast Stone allow you to incorporate solid stone detailing into your build at very cost-effective rates. If you are a developer looking to enhance the value of your build or a dedicated self-builder wanting to add a stylish embellishment to your new house, you can choose from a selection of standard designs to suit most wall conditions. Of course you may prefer to ask us to make something to your own design. As with all things Procter, the choice is yours.



Mullions

Window mullions are elements which divide two or more adjacent windows. Window mullions have been used for many centuries, with their first appearance in European architecture being in the 12th century. As a key architectural element, mullions are still popular today and can be seen in many contemporary buildings. You can choose from standard designs, or you may prefer us to make a custom element to your own design.



Window and door jambs

Jambs are the vertical section of the surround into which the door or window frame is secured. With a constant eye on quality and standards, we generally create each door jamb in more than one piece, with joints being extremely neat and tidy. This is possible due to the high level of accuracy that is achieved at the mould making stage of the manufacturing process.



Bullseyes

A bullseye window is a circular feature window that is often used in a central and high position at the front of a property, or centrally on a gable end. This creates an especially striking architectural feature, and in particular on properties of a more traditional design.



For more details on cast stone window and door surrounds and to see more examples of work we've completed, go to www.caststoneuk.co.uk/window-door-surrounds



Orangeries and sun rooms

As an extension to an existing property or as part of a new build, an orangerie or sun room can add real value. We can provide, and in certain circumstances install, all the architectural stonework required to create a stunning orangerie or sun room of either classical or contemporary design.

For more information about orangeries and sun rooms, go to www.caststoneuk.co.uk/orangeries

Restoration projects

Procter Cast Stone is generally a much more cost-effective alternative to quarried stone for restoration projects.



The use of cast stone in the UK for building restoration projects has increased considerably over the last century or so, and especially in the last few decades. The principle reason for this increase in usage is cost, with cast stone almost always providing a more cost-effective alternative to quarried stone which has been shaped by a stone mason. Of course the question to be answered is, despite the lower cost, whether the cast stone replacement to an original stone piece will look authentic in terms of texture, colour and detail, and certainly with our products we can answer with an unequivocal 'yes'. The only visual difference will be for a period of time after the installation, because obviously the new cast stone architectural feature will not have weathered – but that would also be true of a quarried stone replacement.

As would be expected, a key skill required in the process of exactly replicating an existing natural stone architectural feature, is taking the dimensions, form and, often, intricate detail of the original. This is something we use a number of techniques for, with the end result always being an exact match.



Further economies for multiple pieces

Where multiple stone architectural features are to be replaced which are identical in form and size, cast stone becomes even better value for money because, once the mould is made, any number of pieces can be produced. A good example is the wall copings we manufactured and installed on this bridge refurbishment.



What's more...

because production takes place in our modern facility, consistency of quality in multiple cast stone pieces is guaranteed. Plus, if you require further pieces they can be made to match the originals, and sometimes even at short notice. This is possible because for a period of time, the mould will have been safely stored and be ready for re-use. Compare this process to that of a stone mason having to hand-work further pieces and the time involved in doing this, and you easily see why cast stone is not only more cost-effective, but also much more practical to manage as part of a wider restoration project.



Greater durability over time

Cast stone also has the advantage of being very durable over time compared to some natural stone types, as long as it's made to Procter Cast Stone's exacting standards. This can be a major consideration in applications which will be very exposed to weather – like here on wall copings, for example. A typical use of our cast stone can be wall coping replacements where flood defences or sea walls are being created to hold back encroaching water.



Colour matching to existing stonework

Colour matching is clearly an important aspect of any restoration project, with the aim generally being that the new cast stone replacement will replicate the colour of existing natural stone once it has weathered. Along with a range of standard stone colours, we're also able to create one-off specials where required.

Our own installation team for specialist work

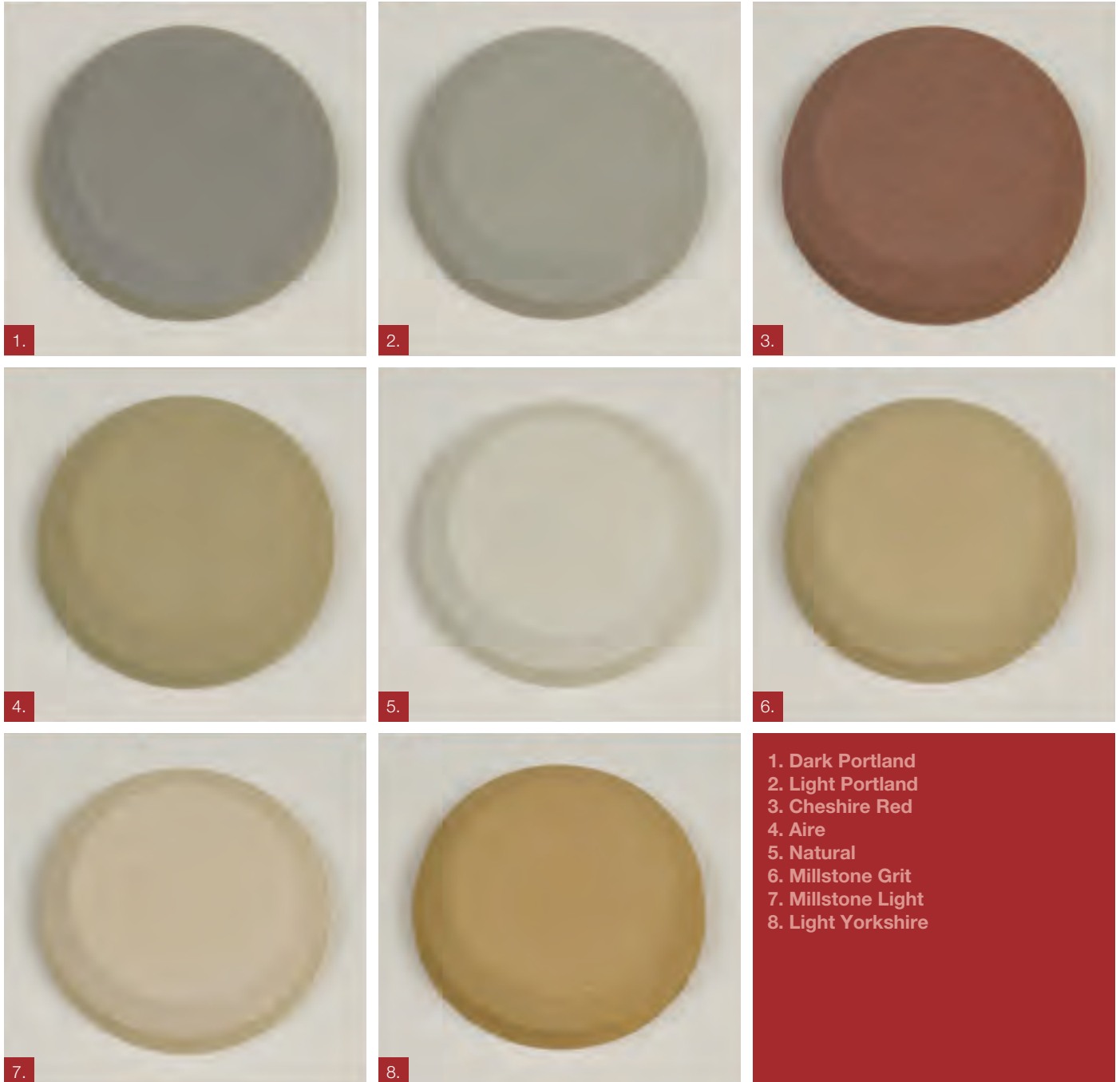


Replacing worn-out natural stone architectural features with new cast stone pieces is a specialist job and requires both skill and experience. Our own directly employed team knows exactly what it is doing, and has completed a very large number of restoration projects over the years. Using our team also means that the cast stone products remain our responsibility right up to the point the installation is complete.

Colours and shades

A range of standard colours is available and shown below. For a small premium, we can also make products for you in non-standard colours depending on your project requirements. It may also be possible to match textures and surface features of existing cast stone or natural stone features. All we require is a sample to match to.

Whilst the colours shown below are a reasonable representation of our standard colours, we would recommend that we supply you with one or more of our colour samples where accurate matching is critical.



For more information about colour and shade options and also to order colour samples, go to www.caststoneuk.co.uk/colours-shades

All our products are manufactured by time-served craftsmen, in accordance with BS1217 and the more exacting standards of the UK Cast Stone Association. All our production is stringently checked for quality, colour and consistency of finish, to ensure it meets our required high level of quality. In addition, we operate a bar coding system to ensure product traceability; this also facilitates reliable stonework dispatch to match customer site requirements.



We're a member of UKCSA (United Kingdom Cast Stone Association)

As a member of UKCSA, at Procter Cast Stone we fully comply with all the association's rigorous standards, with these standards exceeding the British Standards for cast stone by at least 40%. The following explains more about UKCSA standards and the background to them.



- UKCSA was closely involved in producing the revised British Standard for cast stone (BS1217) in 1997 and its update in 2008. The British Standard covers aspects including strength, water absorption, dimensional tolerances and design considerations.
- While supporting BS1217, UKCSA recognises that the key issue for cast stone is the material's durability and weathering characteristics. As a result of research carried out by the University of Dundee, UKCSA has produced its own standard that demands an average compressive strength of 35 MPa. This is at least 40% above the basic British Standard and ensures the strongest cast stone available, with outstanding durability and site handling.
- It also means being able to predict precisely the performance of cast stone as a building material. So whether your design details are standard or custom, you can rest assured that stone from Procter Cast Stone will perform exactly to your specification.
- UKCSA membership also demands ongoing commitment to rigorous product testing – the results of which must be logged with UKCSA.



For more information about our quality standards and UKCSA, including downloads, please go to www.caststoneuk.co.uk/quality-standards

Before



Rear elevation



Front elevation

Original value £950,000



Rear elevation



Front elevation

New est. value £1,100,000
Cost of cast stone features - £25,000

£150,000 increased value

Procter Cast Stone has prepared 'before and after' cast stone images to demonstrate the visual impact that can be achieved using this versatile and cost-effective construction material. It is a popular way to add visual appeal and individuality to properties, which means you can choose from an extensive choice of standard products as well as asking us to make custom items to your architects' specifications.

Procter Cast Stone is a full member of UKCSA (UK Cast Stone Association), which commissioned Ipsos MORI to conduct a national opinion poll into attitudes towards cast stone. Using images similar to those shown here to illustrate the differences between properties with and without cast stone details, the researchers established that 79 per cent of the British public prefer properties with cast stone. Moreover, the survey revealed that people are prepared to pay at least 4.9 per cent more for a property detailed in cast stone, which is likely to be considerably more than the cost of purchasing and installing cast stone units.

Whether the property in question is a one-off architect-designed house or part of a more extensive residential development, Procter Cast Stone can help you make your property considerably more appealing.

Stone detailing is traditionally associated with quality and prestige, so to help you gain a better understanding and maximise the benefits of cast stone, we have published a series of guides and other resources. These are available free of charge from the Downloads section of the website, or you request copies by telephoning 0113 286 3329 or contacting us by e-mail on sales@procter garforth.co.uk

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Cast stone can also be used extensively on interiors

Don't let your thoughts be limited to the use of cast stone for exteriors, as with some flair and imagination you can specify and use standard or custom made cast stone from Procter to bring a sense of solidity and elegance that you might otherwise overlook.

If you would like to find out more, why not get in touch and we will do all we can to help you.







www.caststoneuk.co.uk
websales@proctergarforth.co.uk
 +44 (0)113 286 3329



www.fencing-systems.co.uk
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