

WE ARE
Roofing and more



Ibstock
At the heart of building



HARDROW®
A ROOFING HERITAGE SET IN STONE
REPLICATING NATURAL STONE AESTHETICS FOR A STANDOUT STYLE

WE ARE at the heart of building.

We offer a diverse range of building products, solutions and expert technical and design services that enable our customers to create inspirational spaces and places.

Everything we do revolves around our valued customers and we continuously strive to exceed their expectations. We pride ourselves on leading for new, innovative and sustainable products and solutions, both for today and for a new era of building.

WE ARE at the heart of building. WE ARE Ibstock.



Bricks and Masonry

Our bricks and masonry range is truly comprehensive. Take the widest brick range in the UK and add in walling stone, architectural masonry, cast stone products and specials and you are sure to find a product for your project.

Facade Systems

With the establishment of Ibstock Futures, Ibstock is demonstrating a clear ambition to grow into the Facades sector. With Ibstock Telling GRC, Mechslip, Nexus and Genbrix we already have some fantastic solutions for this space.

Roofing

Our wide range of concrete roof tiles for the new build housing market, including the innovative SL8 and Gemini products, added to our high quality chimney options from Ibstock Kevington mean we've really got roofing covered.

Flooring and Lintels

A comprehensive range of flooring solutions and lintel products, including high fire rated options – with nationwide coverage delivered through our Supreme and Longley brands.

Staircases and Lift Shafts

Our bespoke high quality, Longley precast staircases and lift shafts are designed to meet your projects exact requirements.

Fencing and Landscaping

Ibstock offers a wide range of products for the fencing and landscaping sector – including high quality concrete fence posts from our Supreme brand or beautiful cast stone balustrades and pier caps from our Forticrete brand.

Retaining Walls

Whether it is a retaining wall solution to prepare a new site or for a major infrastructure scheme – our Anderton brand gives us the products and technical expertise to deliver.

Rail and Infrastructure

Ibstock Rail and Infrastructure combines rail troughs, signal bases, platform copers and other products for infrastructure from our Anderton range – all harnessing the latest in concrete technology to minimise embodied carbon without compromising performance.

Design and Technical Services

We are committed to providing the best possible design and technical support to our customers. From expert advice to a sector-leading training and CPD provision, Ibstock's range of design and technical services are especially configured to give architects and specifiers the access to the support they need at every stage on their project journey – from concept to build.

The Hardrow® range

Solos

A single colour slate that is manufactured to be non-uniform in appearance to replicate the traditional natural stone roof aesthetic.



BROWN



DARK GREY



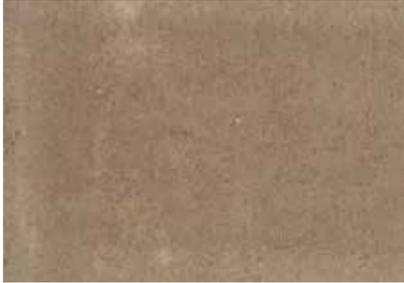
LIGHT GREY



OLD STONE



THATCH



YELLOW

Duets

Exceptional and innovative. Duets combine the subtle shades of the Solos range on a single slate for optimum results in random application laying.



BARLEY



DUSK



TWILIGHT

Harmonies

Subtle individual blends of 'mixed colour' designs, unique to Hardrow for a unique, vibrant aesthetic.



SYMPHONY



OVERTURE



COLLYWESTON



COTSWOLD

The Hardrow[®] heritage

THE INSPIRATION FOR HARDROW SLATE CAME IN THE EARLY 1920S, WHEN MANY OF THE OLDEST AND MOST OUTSTANDING EXAMPLES OF GEORGIAN AND EARLIER ARCHITECTURE WERE ROOFED IN LARGE STONE SLATES.

Ibstock saw this as an opportunity to manufacture a cost-effective alternative product that matched all the qualities of natural slate. And so, at Hawes in West Yorkshire, the first Hardrow Slates were manufactured and it has been an increasingly popular choice for homeowners, roofing contractors and specifiers ever since.

The natural choice

Hardrow Slate provides you with the means to achieve a natural stone aesthetic appeal in architecture. From three colour ranges that cover classic and modern tastes, it also comes in a range of sizes for a bold appearance and excellent coverage.

- Stone slate appearance
- Wide range of sizes and colours
- Exceptional water resistance

For the perfect finish and vital functionality, there's also a wide range of detailing components, ornamental slates and ventilation enabling products. Hardrow Slate can also be laid at pitches as low as 17.5 degrees. All this, available to give you maximum design freedom.

- Double lap for flexible roof design
- No mortar needed – mechanically fixed
- Purpose made fittings for roof detailing
- Kitemarked to BS EN 490
- Some sizes can be laid as low as 17.5°



DID YOU KNOW? HARDROW SLATE IS SLIGHTLY IRREGULAR IN SIZE AND SHAPE TO EVOKE THE TRADITIONAL LAID CHARACTER OF NATURAL STONE ROOFING – IT CAN BE LAID IN RANDOM WIDTHS OR DIMINISHING COURSES AND IT NATURALLY MELLOWS WITH AGE.

Roofing that's got it all covered

Regional preferences

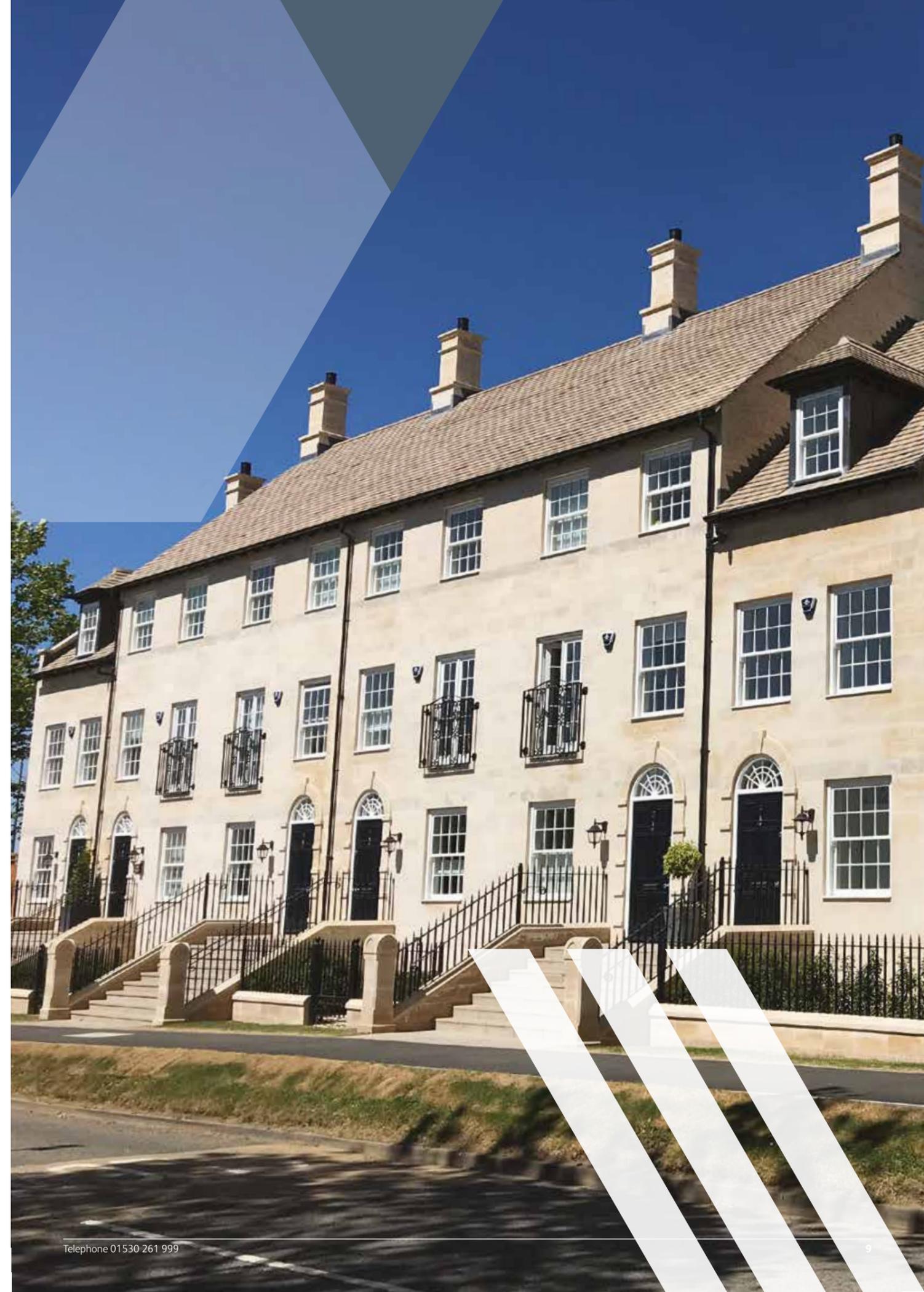
Hardrow Slate has a longstanding history of successfully meeting strict local planning regulations. With various regions demanding that any building project must adhere to the local natural stone appearance or colour, Hardrow Slate comes in a wide range of colours and blends suitable for most counties and regions.

Over

200 PROJECTS AND DEVELOPMENTS COMPLETED NATIONWIDE IN RECENT YEARS

With Ibstock's established history, it's no surprise that their roof tiles are versatile and popular for usage across private and commercial sectors. From a wide range and vast supplies of colour options for new builds, to a cost-effective solution for social housing and re-roofing projects.

Hardrow Slate has been, and continues to be, a favoured choice for a range of roofing applications.



Dimensions and specifications

Standard roofing slates

NOMINAL SLATE SIZE	457MM X 305MM (18" X 12")	457MM X 457MM (18" X 18")	610MM X 457MM (24" X 18")			
Pitch	25° & above	20° – 24.9°	25° & above	17.5° – 19.9°	20° – 24.9°	25° & above
Max gauge	191mm (7½")	178mm (7")	191mm (7½")	241mm (9½")	255mm (10")	267mm (10½")
Minimum headlap	75mm (3")	102mm (4")	75mm (3")	127mm (5")	100mm (4")	75mm (3")
Min side lap	95mm (3¾")	89mm (3½")	75mm (3")	121mm (4¾")	102mm (4")	107mm (4")
Cover width	311mm	464mm	464mm	468mm	468mm	468mm
Nominal hanging length	407mm	407mm	407mm	560mm	560mm	560mm
Nominal thickness	14mm (9/16")	14mm (9/16")	14mm (9/16")	16mm (5/8")	16mm (5/8")	16mm (5/8")
Mass per 1000 slates	4.8 tonnes	7.2 tonnes	7.2 tonnes	10.6 tonnes	10.6 tonnes	10.6 tonnes
Number per m ²	17.22	12.3	11.5	9.07	8.61	8.2
Weight per m ²	83 kg	88 kg	83 kg	96 kg	91 kg	87 kg
Batten required lin/m ²	5.24	5.62	5.24	4.15	3.92	3.75
Tile and halfs	457mm x 457mm (18" x 18")	457mm x 686mm (18" x 27")	610mm x 686mm (24" x 27")			
Eaves and tops	330mm x 305mm (13" x 12")	305mm x 457mm (12" x 18")	457mm x 457mm (18" x 18")			

The minimum pitch is based on a maximum rafter length of 9m. For rafter lengths greater than this, please contact the Istock Technical Department. Batten size: 50mm x 25mm for all rafter centres up to 600mm graded timber in accordance with the current British Standard BS 5534.

Tile fixing

Each slate must be secured with two 40mm x 3.35mm aluminium nails. For the 610 x 457 slate, above 30° the nail should be 40mm x 4mm. All slates and slate fittings in the general, local and perimeters should be nailed into the batten with two flat headed 40mm x 3.35mm stainless steel, aluminium nails. Tiles at the verge must be fixed using one verge clip per course. The nail hole diameter is approximately 5mm with the holes being positioned c. 50mm from the head and edge of the slate. Nail specification may alter for marine environments, and you should seek advice from the Technical Department.

Designation of standard slates

NOMINAL SLATE SIZE		DESIGNATION NUMBER
MM	MM	
STANDARD ROOFING SLATES		
381 x 229	15 x 9	T - EN 490 - NL - 0 - IF - 232 - / - / - (331) - 3,00
457 x 305	18 x 12	T - EN 490 - NL - 0 - IF - 311 - / - / - (407) - 4,80
457 x 457	18 x 18	T - EN 490 - NL - 0 - IF - 464 - / - / - (407) - 7,20
610 x 457	24 x 18	T - EN 490 - NL - 0 - IF - 468 - / - / - (560) - 10,60

Standard fittings

Hips, valleys and mansard slates are available to order to cover the full range of roof pitches.

Working procedures, safety & general precautions

Slates should be fixed in accordance with BS 5534. Istock recommend that fixers of all slates regard the products as fragile as stated in BS8000:Pt6: Section 5. During installation of the products, the correct setting out and working procedures should be employed to avoid walking directly on to products which have been fixed or are on any completed area of a roof. Should it be necessary to gain access via the roof where battens of adequate strength cannot be used as footholds, this should not be attempted without the use of adequate protection to the tiles or slates including the required number of bolstered crawling boards, ladders and cat ladders.



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