



ROOF TILES & ACCESSORIES

www.breedongroup.com

BREEDON at a glance

Breedon Roof Tile is part of the Breedon Group, a leading construction materials company in the UK and Ireland.

We manufacture market leading concrete roof tiles and ridge tiles in a range of colours and profiles. We also supply a range of roofing accessories including dry fix products.

Breedon Roof Tiles represent the pinnacle of excellence when it comes to roofing solutions. Each tile is carefully crafted from the finest concrete materials to create a durable, long-lasting, and stylish finish that truly stands the test of time.

With a wide range of colors and styles to choose from, you can create a truly unique and customised look for your roof that will set your home apart from the rest. And with an expert team of professionals on hand to guide you through every step of the installation process, you can rest assured that your roof will be in the best possible hands.

In 2023, we opened our cutting-edge manufacturing facility, designed to meet the ever-growing demand for Breedon Roof Tiles. With a focus on precision and quality, our state-of-the-art facility utilises the latest technology with our skilled craftsmen to produce tiles of unparalleled strength and aesthetics.



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quality and service, delivered



Quality you can count on

Our modern tile factory naturally complies with the industry's latest environmental, quality and health and safety standards, as do the tiles it produces. We comply fully with all National and European Environmental and Safety legislation, and are accredited to ISO 45001:2015 Health and Safety, ISO 14001:2015 Environmental Management System and ISO 9001:2015 Quality Management System and by the National Standards Authority of Ireland.



A partnership you can rely on

By forming a true partnership, we can support your business and help you work more efficiently, making sure you have the tiles you need with just in time delivery, nationwide coverage and comprehensive technical support.

Environmental Product Declaration

Breedon Roof Tile are pleased to be asked for, and supply EPDs for our products. We are proud and confident in the products we make and the buildings they are used on. For more information on the sustainable benefits of using our roof tiles, please contact our Technical Sales team.



Proud Members of



sustainability | planet, people and places

Our purpose is to make a material difference to the lives of our colleagues, customers and communities, and our products play an essential part in creating a sustainable built environment for everyone.



Alternative Fuels

Our cement plant has recently reached a world class 77% replacement rate with alternative fuels. When thinking of this in terms of reduction in carbon emissions, it is an equivalent saving of 140,000 tonnes of carbon in comparison to fossil fuels in our production process.



New Manufacturing Facility

Our new manufacturing facility will see a significant reduction of emissions from gas, electricity, and oil. The new plant and equipment also facilitates a major reduction in concrete waste, and any waste that is generated will be recycled through the plant.



Packaging and Pallets

We have also introduced a substantial reduction in packaging per product tonne.



Community

Breedon Tile is very active in the local community in which it operates in Northern Ireland and is proud to support many local schools, sports clubs and charities to help make a material difference to the lives of our colleagues, friends and neighbours.





Ben Crawford - Ballygalley, Co. Antrim, Northern Ireland (Self-Build)

I recently built my new self-build home and I couldn't be happier with the experience I had using Breedon Roof Tiles. From the initial consultation to the final installation, the team at Breedon provided exceptional service and support every step of the way. The tiles themselves are not only incredibly durable and long-lasting, but they also look great and really add to the overall aesthetic of my home. I was particularly impressed with the range of colors and styles available, which allowed me to create a unique and customised look for my roof. Overall, I would highly recommend Breedon Roof Tiles to anyone looking for a reliable and high-quality roofing solution.

OUR products

Our product range is designed to meet your needs – we manufacture the most popular ranges of roof tiles to an exceptional standard.



Roof Tiles

Our range of concrete roof tiles have been developed with our customers in mind. They are durable, strong and made to last. The colours we use are vibrant and consistent to ensure your roof looks fantastic.



Ridge & Hip Tiles

No building would be complete without high quality ridge tiles to provide the finishing touch. Our craftsmen produce a wide range of ridges to suit your project including block ends and mono ridge.



Roofing Accessories

Roof tile accessories including underlays, roof ventilation products, dry fix products and tile fixings.

tile range | elite tile

Elite Tile

The Elite Tile is a modern design for those wanting a slate-like appearance. The leading edge of the Elite is thinner than standard tiles whilst maintaining the functional interlocking overlap.

Available in Black and Anthracite, designed to withstand even the harshest weather conditions, providing long-lasting protection for your home.



Tile Specification

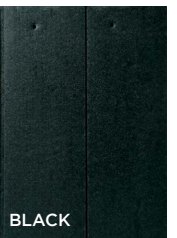
Size of Tile Overall	420 x 330mm
Minimum Pitch	22.5 degrees
Maximum Pitch	90 Degrees (subject to fixing specifications)
Headlap (minimum)	75mm above 25 degrees
Headlap (maximum)	100mm at 25 degrees or below
Gauge (maximum)	345mm
Cover width of one tile (nominal)	297mm
Covering Capacity (Headlap 75mm)	9.8 tiles / sq metre
Covering Capacity (Headlap 100mm)	10.5 tiles / sq metre
Hanging Length (nominal)	400mm
Weight per 1000 (approx)	5.0 tonnes
Recommended Batten size (see BS5534). Rafter centres up to 600mm	50 x 25mm
Recommended Nail size	45mm x 3.35mm



Accessories available for this tile

- ✓ Dry verge and hip
- ✓ Standard dry verge
- ✓ Slim line metal dry verge
- ✓ Vent tiles
- ✓ Dry valley 80mm
- ✓ Dry soaker
- ✓ 45mm nails
- ✓ Universal angle ridge
- ✓ Universal angle hip

Elite Tile Colour Range



tile range | flat tile

Flat Tile

Our traditional concrete interlocking flat style tile is fixed on the roof in a broken bond pattern. This tile gives a clean and modern look to any home.

The Breedon Flat Tile provides an extremely high quality and affordable alternative to natural slate. Available in Black, Anthracite, Brown and Antique Red.



Tile Specification

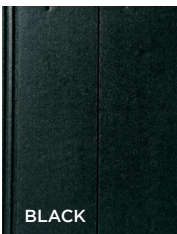
Size of Tile Overall	420 x 330mm
Minimum Pitch	17.5 degrees (for rafter length over 8 metres or sites with a high level of exposure please consult our technical department)
Maximum Pitch	90 Degrees (subject to fixing specifications)
Headlap (minimum)	75mm above 25 degrees
Headlap (maximum)	100mm at 25 degrees or below
Gauge (maximum)	345mm
Cover width of one tile (nominal)	297mm
Covering Capacity (Headlap 75mm)	9.8 tiles / sq metre
Covering Capacity (Headlap 100mm)	10.5 tiles / sq metre
Hanging Length (nominal)	400mm
Weight per 1000 (approx)	5.45 tonnes
Recommended Batten size (see BS5534). Rafter centres up to 600mm	50 x 25mm
Recommended Nail size	50mm x 3.35mm



Accessories available for this tile

- ✓ Dry verge and hip
- ✓ Standard dry verge
- ✓ Standard metal verge 3m
- ✓ Vent tiles
- ✓ Dry valley 80mm
- ✓ Dry soaker
- ✓ 50mm nails
- ✓ Universal angle ridge
- ✓ Universal angle hip

Flat Tile Colour Range



tile range | double roll tile

Double Roll Tile

The Double Roll tile has the timeless double roman profile in a large format roof tile adding character to any building.

The ridges in this tile that allow them to be pieced together easily around all four edges, creating a strong and solid roofing for your property. Available in Black, Anthracite, Brown and Antique Red.



Tile Specification

Size of Tile Overall	420 x 330mm
Minimum Pitch	22.5 degrees
Maximum Pitch	90 Degrees (subject to fixing specifications)
Headlap (minimum)	75mm above 25 degrees
Headlap (maximum)	100mm at 25 degrees or below
Gauge (maximum)	345mm
Cover width of one tile (nominal)	300mm
Covering Capacity (Headlap 75mm)	9.7 tiles / sq metre
Covering Capacity (Headlap 100mm)	10.4 tiles / sq metre
Hanging Length (nominal)	400mm
Weight per 1000 (approx)	4.95 tonnes
Recommended Batten size (see BS5534). Rafter centres up to 600mm	50 x 25mm
Recommended Nail size	60mm x 3.35mm



Accessories available for this tile

- ✓ Dry verge and hip
- ✓ Standard dry verge
- ✓ Vent tiles
- ✓ Dry valley 100mm
- ✓ Eaves comb filler
- ✓ 55mm nails
- ✓ Half round ridge
- ✓ Third round hip

Double Roll Tile Colour Range



tile range | square top tile

Square Top Tile

The Square Top tile is a classic look tile which proves very popular in new build and refurbishment projects alike. The single lap, square profile of the square top tile is extremely functional. The simple design gives the tiles inherent strength.

Available in Anthracite, Brown and Antique Red.



Tile Specification

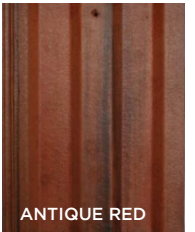
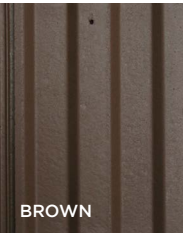
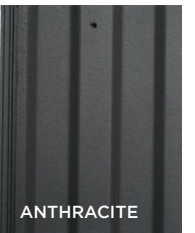
Size of Tile Overall	420 x 330mm
Minimum Pitch	22.5 degrees
Maximum Pitch	90 Degrees (subject to fixing specifications)
Headlap (minimum)	75mm above 25 degrees
Headlap (maximum)	100mm at 25 degrees or below
Gauge (maximum)	345mm
Cover width of one tile (nominal)	297mm
Covering Capacity (Headlap 75mm)	9.8 tiles / sq metre
Covering Capacity (Headlap 100mm)	10.4 tiles / sq metre
Hanging Length (nominal)	400mm
Weight per 1000 (approx)	4.95 tonnes
Recommended Batten size (see BS5534). Rafter centres up to 600mm	50 x 25mm
Recommended Nail size	55mm x 3.35mm



Accessories available for this tile

- ✓ Dry verge and hip
- ✓ Standard dry verge
- ✓ Vent tiles
- ✓ Dry valley 100mm
- ✓ Eaves comb filler
- ✓ 60mm nails
- ✓ Half round ridge
- ✓ Third round hip

Square Top Tile Colour Range



ridge tiles

A wide range of ridge tiles have been designed and created by our craftsmen to enhance the appearance of your home. All ridge products are available in red, dark brown, black, grey and anthracite.



ELITE RIDGE
Length 455mm



UNIVERSAL ANGLE RIDGE
Length 455mm



UNIVERSAL ANGLE HIP
Length 455mm



UNIVERSAL ANGLE VENT RIDGE
Length 455mm



HALF ROUND RIDGE
Length 455mm



THIRD ROUND HIP
Length 455mm



BABY UNIVERSAL ANGLE
Length 300mm



BABY HALF ROUND
Length 300mm



MONO RIDGE
Length 455mm



SHORT BLOCKEND
Length 455mm



LONG BLOCKEND
Length 455mm



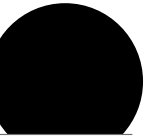
UNIVERSAL ANGLE HIP BLOCKEND
Length 455mm
Also available to suit Third Round and Elite



George Prentice - Managing Director, Prentice Roofing

As a roofing contractor for over 30 years, I have worked with many different types of roof tiles over the years, but Breedon's concrete roof tiles are by far some of the easiest to work with. The installation process is quick, easy and they're incredibly strong and durable, which gives me confidence that they'll last for many years to come. This along with the extremely reliable delivery times, make them my first choice, I highly recommend Breedon Roof Tiles to anyone looking for a high-quality and easy-to-install roofing solution.

Ridge & Hip Tile Colour Range



BLACK



GREY



ANTHRACITE



BROWN



RED

ornamental ridges & finials

Our craftsmen create a range of beautiful handmade ridges and finials which can give that special finishing touch to your home. Different designs and styles are available to give a traditional or contemporary look.



SCROLL FINIAL

Length 455mm

Available with Roll Top Universal Angle, Half Round and all Ornaments.



FLEUR DE LYS FINIAL

Length 455mm

Available with Roll Top Universal Angle, Half Round and all Ornaments.



BALL FINIAL

Length 455mm

Available with Roll Top Universal Angle, Half Round and all Ornaments.



ROLL TOP RIDGE

Length 455mm

Available with Roll Top Universal Angle, Half Round and all Ornaments.



CLUB CRESTED ORNAMENTAL

Length 455mm



FLEUR DE LYS ORNAMENTAL

Length 455mm



VICTORIA ORNAMENTAL

Length 455mm



CROWN ORNAMENTAL

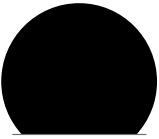
Length 455mm



Andrew Erwin - Ballyclare, Co. Antrim, Northern Ireland (Re-roof)

I recently had my roof redone using Breedon concrete roof tiles and I couldn't be happier with the results. The tiles are not only durable and long-lasting, but they also look fantastic on my home. I was impressed with the variety of colors and styles available, and the ease of installation by the professionals was a huge plus. Overall, I highly recommend Breedon Roof Tiles for anyone in need of quality roofing materials.

Ornamental Ridges & Finials Colour Range



BLACK



GREY



ANTHRACITE



BROWN



RED

client review | with kudos homes

Kudos Homes are a family business that started building bespoke high spec homes 50 years ago. Their commitment to every client is to deliver a Kudos home: a home that is distinct by its quality; a home that delivers 'Next Level Living'. We at Breedon Roof Tile, love working with Kudos Homes as they share the same dedication to quality, service, and client satisfaction as we do.

In recent years, we have worked alongside Kudos Homes on a number of projects, by providing our thin leading edge, slate like Elite Tile in Black and accessories to complement.

"We chose the 'Elite Tile' in Black from Breedon Roof Tiles for its clean lines and slate-like appearance. This is a durable and weather-proof tile. It comes in a range of natural colours which are always consistent. I can always rely on Breedon to deliver a top-quality product."

Neil Orr, Managing Director for Kudos Homes

kudos
Next Level Living



roofing accessories | comprehensive one-stop-shop for roof tiles and accessories

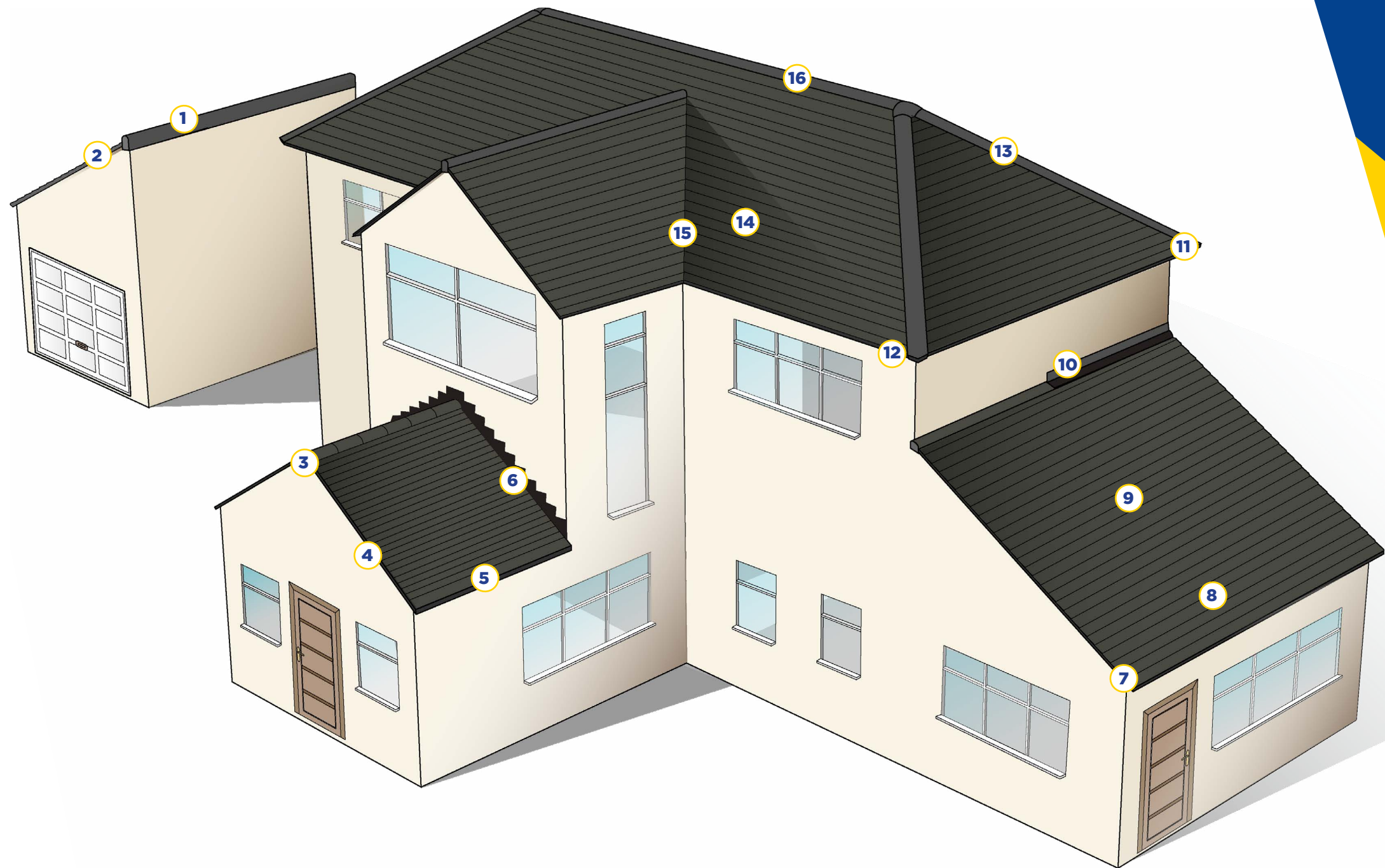


Bredon's one-stop-shop for roof tile accessories

The availability of matching accessories allows for greater design flexibility, enabling our customers to create a cohesive and aesthetically pleasing look for their homes. At Brendon Roof Tile, all necessary components are available in one place, saving customers time and effort in sourcing and purchasing individual pieces separately. This convenience factor is further amplified by the fact that Brendon Roof Tile's accessories are specifically designed to fit perfectly with our roof tiles, ensuring a seamless installation process.

Accessories Key		
Accessory number:	Accessory Name	More Info On Page No:
1	Dry Mono System, Mono Ridge	16
2	Verge Clips	28
3	Blockend	16
4	Aluminium Verge, Individual Verge	24
5	Eaves Clips	28
6	Individual Soaker, Continuous Soaker	27
7	Eaves Comb, Over Facia Vent, Underlay Support Tray	27
8	Universal Roll Panel Vent	27
9	Vent Tile	27
10	Flash Vent	26
11	Hip Blockend	16
12	Hip Iron	31
13	Dry Hip, Hip Tile, Hip Tray	16
14	Tile Nails, Tiles, Tile Clips	28
15	Dry Valley	24
16	Dry Ridge, Ridge	16

Accessories Guide

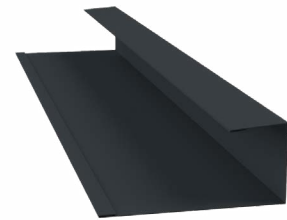


roofing accessories | dryfix



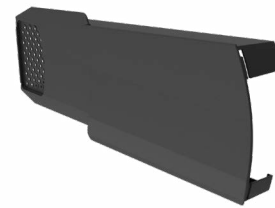
ROLL OUT DRY RIDGE AND HIP

Unique universal design is adaptable to fit all commonly available ridge types. Provides 5000mm² airflow per linear meter to both roof slopes making it ideally suited to cold and warm roofs and for batten space ventilation.



CONTINUOUS DRY VERGE

Continuous Dry Verge System is manufactured from powder coated aluminium and permanently secures tiles giving an attractive maintenance free finish to the roofline. It provides a neat, continuous and totally weatherproof finish to the gable and is available in two different sizes to suit Breedon Flat or Elite roof tiles. Particularly popular on roofs with no soffit.



INDIVIDUAL DRY VERGE SYSTEM

A fast fit Dry Verge System designed to provide an extremely cost-effective alternative that avoids all of the long-term maintenance problems - and costs - associated with mortar bedding.



DRY FIX BONDING GUTTER

Manufactured in Lead Grey GRP this product is suitable for joining two dissimilar roof coverings and comes in 3 meter lengths. Available in two central up stand heights to suit various roof tile profiles, this product has BBA certification, number 87/1915 and is recognised as a suitable alternative to lead under the Secured by Design Initiative.



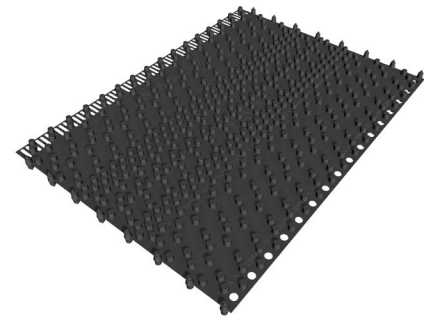
DRY FIX VALLEY

A Dry Fix mortar less GRP valley trough that creates a close-cut appearance on new build and refurbishment. Suitable for all profiled tiles this unique product cuts fixing time by up to 50%.





roofing accessories | ventilation



FLASH VENT

Flash Vent is a simple one piece roll-out, easy fit sheet that provides ventilation for abutment roof details, providing a weather-tight solution to the need for a continuous 5mm² of airflow.

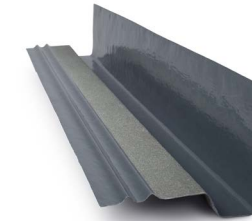
As it is made from just one component it is economical and easy to install. The roll-out system makes fitting a breeze as it is supplied in a handy box dispenser with no need for specialist fixing tools. A series of nodules are incorporated into the design on both sides of the flexible vent roll. This not only provides the required airflow but includes an integral fly screen and maximises support of the lead.

The product has been independently wind tunnel tested for weather tightness and can be used over all Breedon roof tile profiles without compromising its effectiveness. Two widths can also be joined together to fit any length of lap between the lead and the tiles.



INDIVIDUAL DRY SOAKERS

Lightweight high density polypropylene dry soakers suitable for use on Flat or Elite concrete interlocking roof tiles and Left (/L) or Right (/R) handed options are available. Dimensions: H75 x W185 x L430m



CONTINUOUS SOAKER

An economic replacement for lead this GRP continuous abutment soaker is used with a separate lead or GRP cover flashing and is available in standard Lead Grey colour in 3 meter lengths. This product has BBA certification, number 87/1915 its recycled content is 12% to 30%.



OVER FACIA VENTILATOR

For refurbishment and new build details - unique universal design to suit openings for both 10mm and 25mm regulation requirements. Reinforced nailing guides ensure accurate fixing to facia and for eaves comb if required. The rounded front section prevents blockage from over lapping underlay and the standard fly screen conforms to regulation requirements Airflow at 10mm fixing position: 10,000mm², Airflow at 25mm fixing position: 25,000mm², Length: 1000mm, Height: 36mm, Width: 48mm.



CONCRETE VENT TILE

Breedon Roof Tile manufacture concrete vent tiles to suit all our roof tile profiles and colours. Actual ventilation area is 8500 mm².



FLUSH FITTING TILE VENT

Flush Fitting Tile Ventilator made from high density polypropylene with up to 50% recycled content and available to fit Flat and Double Roll profiles and colours. An adaptor is available separately for connecting to domestic extract fans or soil vent pipes. Actual ventilation area without adaptor is 15000 mm².



UNIVERSAL ROLL PANEL VENTILATOR

Universal roll panel ventilator made from PVC in 6 meter lengths with variable rafter centre capability. Conforms to 10mm and 25mm openings for airflow requirements. Airflow: 25,000mm² per panel.



FLEXIBLE CONNECTOR

Suitable for connecting a soil vent pipe to a vent tile. The jubilee clip at each end of the pipe ensures an airtight seal.



RIGID FELT SUPPORT TRAY

Felt Support Trays are designed to bridge the rafters and provide support for the roofing felt. It eliminates the problem of rotting felt caused by the sagging and retaining of water by the felt at low-level eaves. Available in 1.5 meter lengths

roofing accessories | fixings



TILE CLIP

Tile clips offer an excellent anchorage for the majority of roof tiles and ensure professional storm protection. On the lower part of the roof tile, at the sidelock, the clip secures three roof tiles simultaneously.



VERGE CLIP

Verges are one of the most exposed areas on a roof and therefore verge tiles are more at risk. Our verge clips secure the verge tile directly at the edge, top and bottom to prevent the tile from uplift and turning. Available to suit all Breedon Roof Tile profiles.



DRY VALLEY CLIP

For clipping together small cuts of interlocking tiles when using Dry Fix valley troughs and all Dry Fix hip systems.



ALUMINIUM CLOUT NAILS

Available in various lengths depending on tile profile.



EAVES CLIP

Eaves clips give the necessary stability and flexibility in eaves areas where a common storm clip cannot be mounted. Universal to fit all our profiles.





roofing accessories | miscellaneous



UNIVERSAL FLASHING

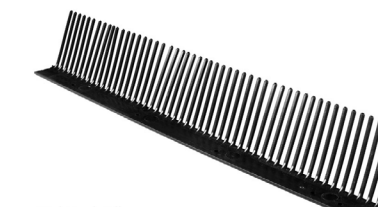
Easy-Form® plus is the environmentally friendly universal flashing for connections on pitched roofs – either for penetrations through the roof or other areas. The material is flexible, up to 30% due to its creped aluminium structure.

Use at all abutments at walls, chimneys, rising parts of structures such as dormers, fire walls and other abutments in the roof area, and for creating saddles where GRP Valley Troughs meet at the top of the valley. The combination of aluminium surface and additional metal grid leads to a strong product, which stays perfectly in shape after shaping. The metallic surface allows a similar lifetime as lead and zinc. Fix onto dry, dust-free surfaces via adhesive butyl lamination.



HIP IRON

A retaining bracket with decorative scroll design made of galvanised mild steel. Used with traditional hipped roofs, it has nail holes for fixing to rafters.



EAVES COMB FILLER

The Eaves Comb Filler provides a physical barrier to stop birds and large insects from entering the void between the felt and tiles.

The product runs continuously along the top of the fascia board above the felt and is nailed into position with the fixing holes provided.



PLAIN TILE

A classic concrete plain tile that stands the test of time: perfect for classic pitched roof designs, such as dormer and eyebrow windows.

A fantastic range of 9 colours and finishes means no matter what the desired outcome, our concrete plain tiles can provide a solution.



BLOCKEND RIDGE

Blockend ridges are essential for intersecting roof planes and protecting the roof hips.

roof tile | calculation tables

Calculating roof tile quantity

Slope length covered at end laps of: Horizontal lengths are based on a setting out gauge for three standard tiles, although the tolerance fit of the interlock will permit a small amount of play, this should not be relied on to accommodate inaccuracies in setting out the roof. All figures are Net. Wastage is to be added.

Vertical Coverage

Courses Up Roof Slope

	75mm	100mm	75mm	100mm
1	0.420m	0.420m	16	5.595m
2	0.765m	0.740m	17	5.940m
3	1.110m	1.060m	18	6.285m
4	1.455m	1.380m	19	6.630m
5	1.800m	1.700m	20	6.975m
6	2.145m	2.020m	21	7.320m
7	2.490m	2.340m	22	7.665m
8	2.835m	2.660m	23	8.010m
9	3.180m	2.980m	24	8.355m
10	3.525m	3.300m	25	8.700m
11	3.870m	3.620m	26	9.045m
12	4.215m	3.940m	27	9.390m
13	4.560m	4.260m	28	9.735m
14	4.905m	4.580m	29	10.080m
15	5.250m	4.900m	30	10.425m



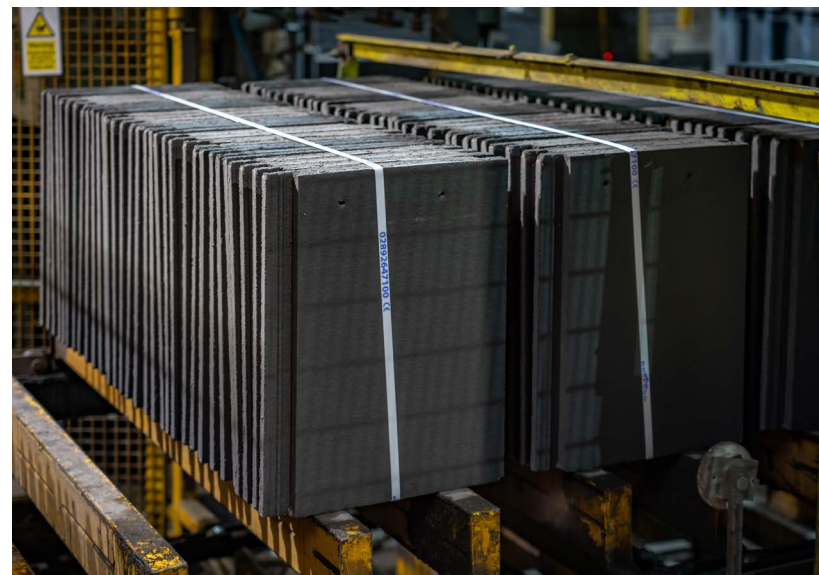
Horizontal Coverage

Flat Tiles & Elite Tiles				Double Roll Tiles			Square Top Tiles				
	Length Covered (m)		Length Covered (m)	Length Covered (m)		Length Covered (m)	Length Covered (m)		Length Covered (m)		
3	0.891	42	12.474	3	0.900	37	11.100	3	0.891	37	10.989
4	1.188	43	12.771	4	1.200	38	11.400	4	1.188	38	11.286
5	1.485	44	13.068	5	1.500	39	11.700	5	1.485	39	11.583
6	1.782	45	13.365	6	1.800	40	12.000	6	1.782	40	11.880
7	2.079	46	13.662	7	2.100	41	12.300	7	2.079	41	12.177
8	2.376	47	13.959	8	2.400	42	12.600	8	2.376	42	12.474
9	2.673	48	14.256	9	2.700	43	12.900	9	2.673	43	12.771
10	2.970	49	14.553	10	3.000	44	13.200	10	2.970	44	13.068
11	3.267	50	14.850	11	3.300	45	13.500	11	3.267	45	13.365
12	3.564	51	15.147	12	3.600	46	13.800	12	3.564	46	13.662
13	3.861	52	15.444	13	3.900	47	14.100	13	3.861	47	13.959
14	4.158	53	15.741	14	4.200	48	14.400	14	4.158	48	14.256
15	4.455	54	16.038	15	4.500	49	14.700	15	4.455	49	14.553
16	4.752	55	16.335	16	4.800	50	15.000	16	4.752	50	14.850
17	5.049	56	16.632	17	5.100	51	15.300	17	5.049	51	15.147
18	5.346	57	16.929	18	5.400	52	15.600	18	5.346	52	14.444
19	5.643	58	17.226	19	5.700	53	15.900	19	5.643	53	15.741
20	5.940	59	17.523	20	6.000	54	16.200	20	5.940	54	16.038
21	6.237	60	17.820	21	6.300	55	16.500	21	6.237	55	16.335
22	6.534	61	18.117	22	6.600	56	16.800	22	6.534	56	16.632
23	6.831	62	18.414	23	6.900	57	17.100	23	6.831	57	16.929
24	7.128	63	18.711	24	7.200	58	17.400	24	7.128	58	17.226
25	7.425	64	19.008	25	7.500	59	17.700	25	7.425	59	17.523
26	7.722	65	19.305	26	7.800	60	18.000	26	7.722	60	18.117
27	8.019	66	19.602	27	8.100	61	18.300	27	8.316	61	18.414
28	8.316	67	19.899	28	8.400	62	18.600	28	8.613	62	18.711
29	8.613	68	20.196	29	8.700	63	18.900	29	8.613	63	18.711
30	8.910	69	20.493	30	9.000	64	19.200	30	8.910	64	19.008
31	9.207	70	20.790	31	9.300	65	19.500	31	9.207	65	19.305
32	9.504	71	21.087	32	9.600	66	19.800	32	9.504	66	19.602
33	9.801	72	21.384	33	9.900	67	20.400	33	9.801	67	19.899
34	10.098	73	21.681	34	10.200	68	20.400	34	10.098	68	20.196
35	10.395	74	21.978	35	10.500	69	20.700	35	10.395	69	20.493
36	10.692	75	22.275	36	10.800	70	21.000	36	10.692	70	20.790
37	10.989	76	22.572								
38	11.286	77	22.869								
39	11.583	78	23.166								
40	11.880	79	23.463								
41	12.177	80	23.760								

roof tile | data

ROOF TILES	Pack Qty	Pallet, Bag or Carton Qty
Flat	32	192
Elite	40	240
Double Roll	36	216
Square Top	36	216
RIDGE TILES	Pack Qty	Pallet, Bag or Carton Qty
Universal Angle	1	60
Half Round	1	81
Elite	1	114
Baby Universal Angle	1	200
Baby Half Round	1	200
HIP TILES	Pack Qty	Pallet, Bag or Carton Qty
Universal Angle	1	78
Third Round	1	81
DRY FIX AND VENTILATION	Pack Qty	Pallet, Bag or Carton Qty
Roll Out Dry Ridge System	6m or 10m	N/A
Dry Fix Valley 3m long	1	N/A
Dry Fix Bonding Gutter 3m length	1	N/A
Individual Dry Soakers	1	N/A
Dry Verge Units	10	50
Ridge End Caps	2	20
Eaves Closers	2	40
Continuous Dry Verge 3m length	1	4
Concrete Tile Vent	1	N/A
Flush fitting Tile vent	1	N/A
Flush fitting Tile vent Adaptor	1	N/A
Flexible Connector	1	N/A
Over Facia Ventilator 1m length	1	N/A
Universal Roll Panel	12 metres	N/A

FIXINGS	Pack Qty	Pallet, Bag or Carton Qty
Tile Clip	250	N/A
Verge Clip	50	N/A
Eaves Clip	100	N/A
Dry Valley Clip	1	N/A
Aluminium Clout Nails	1 kg	N/A
MISCELLANEOUS	Pack Qty	Pallet, Bag or Carton Qty
Universal Flashing Roll	5 metres	N/A
Eaves comb 1 m length	1	N/A
Rigid Felt Support Tray 1.5m length	1	N/A
Pigment	1Kg	20Kg



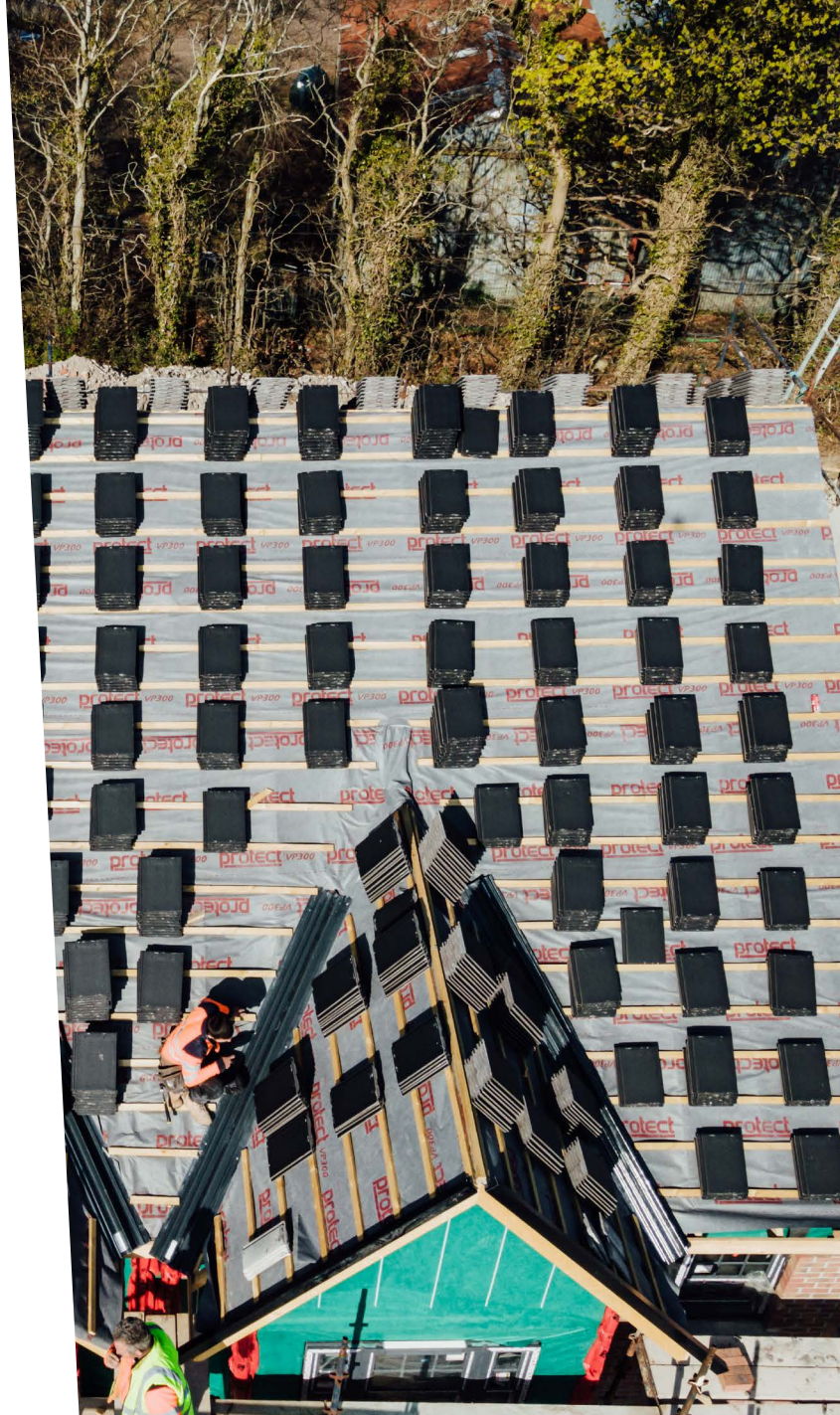
code of practice | slating and tiling

BS5534 Code of Practice for Slating and Tiling

BS5534 Code of Practice for Slating and Tiling was revised in 2014 and fully implemented at the end of February 2015. The main areas affected are Underlays, Battens, Fixing Specifications and Mortar. Below is an outline of the main revisions and we recommend that you consult the BS5534 document for full information.

- There is a new test for underlay which will result in a labelling system telling the designer/installer where it can be used and at what batten gauge. Underlay should be laid with a nominal 10mm drape and fixed with clout nails (not staples). Underlay can be laid taught providing a counter batten is installed over the underlay. Laps should be secured by naturally occurring batten course (additional battens are not recommended) or manufacturer approved glue strips or tapes.

- Battens should conform to BS5534 including stamps and documentation.
- Wind load calculations for the Euro-Codes now need to be applied in the UK, and partly because there is some evidence that wind speeds have increased, the fixings for many roofs need to be increased. Under the new standard the fixings on all single lap tiled roofs increases significantly, with the absolute minimum specification being all tiles mechanically fixed (e.g. a clip or a nail) with two fixings at the verge (e.g. a nail and a dry verge system). Depending on the location of the roof additional fixings may be required to counter the effect of wind uplift.
- Mortar is now deemed to have no tensile strength when it comes to roof design, which means all hip and ridge tiles must have mechanical fixings.



how to install our roof tiles | installation



Roof Setup - Part 1

The setup for a concrete roof tile system typically involves several layers, each serving a specific purpose in protecting the roof from the elements. Here we show you how to fix the Facia Vent, Eave Underlay Tray and Roll Panel Vent.



Roof Setup - Part 2

On top of the roof deck, an underlayment is installed. This layer serves as a moisture barrier, preventing water from penetrating the roof and causing damage to the roof deck or the interior. The next layer is the battens, which are typically made of wood or metal and provide a raised surface for the roof tiles to sit on.



Roof Tile Fixing

Breedon roof tiles are installed on top of the battens, creating a watertight barrier. Concrete tiles are known for their durability and resistance to the elements, making them a popular choice.



Support Tray & End Tile Fixing Guide

By following these steps, the support tray and tiles at the edge of the roof can be successfully installed as part of a concrete roof tile system.



Dry Verge System Installation

Flush Fitting Tile Ventilator made from high density polypropylene with up to 50% recycled content and available to fit Lagan Flat and Lagan Double Roll profiles and colours. An adaptor is available separately for connecting to domestic extract fans or soil vent pipes. Actual ventilation area without adaptor is



Vent Tile Installation

Flush Fitting Tile Ventilator made from high density polypropylene with up to 50% recycled content and available to fit Lagan Flat and Lagan Double Roll profiles and colours. An adaptor is available separately for connecting to domestic extract fans or soil vent pipes.



technical information | manufacturing and handling

Manufacturing, Handling and Surface Characteristics

Breedon Roof Tile produces roof tiles that comply with the British & European standard BS EN 490 and adheres to an accredited Management system to BS EN 9001. Despite striving for consistency in every aspect of the manufacturing process, we must highlight that due to the nature of the product and the various manufacturing and handling processes involved, certain surface characteristics may be observed. However, these characteristics are fully acknowledged within the trade and by BS EN 490.

Colours

Colours and textures in this brochure are as accurate as can be reproduced by the printing process, however actual samples can be provided before ordering.

Surface Coating

Most concrete roof tiles produced worldwide are given a surface treatment. The primary advantage of this is to safeguard the tile during its initial and critical stages of usage. It is well-known within the roofing industry that the surface coating on concrete tiles is temporary, with a lifespan of only a few years, which is sufficient to provide protection during the product's early life. None of the aforementioned conditions have an effect on the roof tile's performance, and the tile's quality requirements stay unaltered.

Mosses and Lichens

Mosses and lichens can develop on roofs located near trees or in damp and shaded areas. Roof slopes that face north tend to stay moist for a longer time, making them more susceptible to moss and lichen growth compared to those that dry out faster. Usually, these growths do not harm the tile and do not impact its overall performance.

Efflorescence

Efflorescence is an inherent natural phenomenon that occurs in concrete products. It is triggered by weather conditions that seep into the concrete's pores, resulting in the dissolution of lime. After the water evaporates, a white film of lime remains on the surface. Over time, this chemical process allows the efflorescence to degrade and be washed away by rain, causing it to vanish on its own. The extent of lime and weather conditions can differ, leading to fluctuations in the degree of efflorescence observed.

Scratches and Abrasions

Surface scratches and abrasions may occur as a result of packing, loading, transportation, and on-site handling. These marks are superficial in nature and are expected to fade away over time under normal weathering conditions.

Fixing Notice

When calculating wind load in accordance with BS 5534:2014, the uplift force generated exceeds the dead load of the tile. As a result, mechanical fixings, in addition to the minimum required fixings, will be necessary. Several factors need to be considered, including the site's location and exposure, the roof pitch and rafter length, the roof height, and local wind speeds. Additionally, the proximity to natural or artificial features that may affect wind speeds must also be taken into account.

Important Notice

The designer and fixer should ensure that the tiles are installed in accordance with BS 5534:2014 The British Standard Code of Practice for Slating and Tiling. All work on site should be carried out in accordance with B.S. 8000:Part 6 1990 The Code of Practice for Workmanship on Building Sites.

Terms and Conditions

All of the details contained in this brochure are believed correct at the time of going to press. Nevertheless, Breedon Group Ltd. reserves the right to alter specifications at any time without notice whether as part of its continuous policy of improvement or as may be necessitated by circumstances outside its control. This brochure is to be used as a guide only. Any illustrations/ photographs indicate general style only and precise appearances may vary.



get in touch | breedon roof tile

For full information and advice on materials for your project, contact our team of project consultants.

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Ian Grant - Branch Manager, North West Roofing Supplies, Carlisle.

I have been a stockist of Breedon Roof Tiles for a number of years. They offer a wide range of profiles and colours along with ridge tiles. My customer base are very happy with the tiles Breedon supply as they are of a high quality and very strong, meaning little or no waste on site. Breedon are very easy to do business with. They have a very knowledgeable team who are only too willing to go the extra mile. This in turn gives me peace of mind that the tiles we require will turn up on time, and should for any reason an issues arise, it can be quickly addressed. As a distributor this is of great value to my business .



**TO DISCUSS YOUR INDIVIDUAL
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