

RED BANK[®] clay ridge & finials

Clay Ridges & Finials

Quality Assurance

Hanson Red Bank has been a quality assured company since 1986 and all production and quality assurance procedures meet the requirements of ISO 9002 : 1994.

Clay ridge tiles and finials are manufactured to comply with EN 1304 : 1998 and BS 402 : Part 1 : 1990.

For the correct use and fixing of ridge tiles reference should be made to BS 5534-1 : 1997 "Code of Practice for Slating and Tiling, Design" and BS 8000-6 : 1990 "Workmanship on building sites. Code of practice for slating and tiling of roofs and claddings."

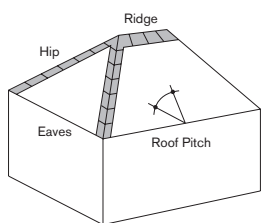
Hanson Red Bank has been producing ridge tiles and fitments for nearly one hundred years, alongside its many other quality clay building products. With such a wealth of experience and expertise, Hanson Red Bank has achieved technical excellence in an unrivalled product range, adding distinction and character to all types of architecture.

Continuous investment ensures that products can be supplied from the Hanson Red Bank works at Measham to all parts of the country, with the minimum of delay. The flexibility of Hanson Red Bank's manufacturing process ensures that most unusual or one off designs can be matched. Skilled craftsmen can also reproduce the most intricate patterns, satisfying the demands of conservationists.

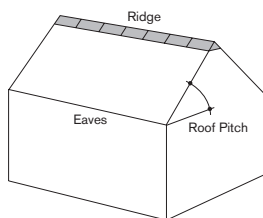
Standard Ridge Angles

Roof Angles are usually given by their pitch (the angle at the eaves). The main ridge angle is the internal angle at the apex (180° minus twice roof pitch).

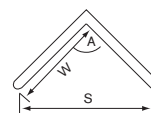
As a guide the table below gives the most suitable standard ridge angle for use on hips.



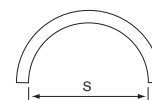
Hipped roof situation



Gable roof situation



Angular



Half round

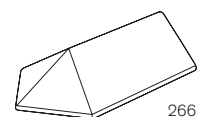
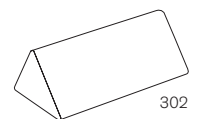
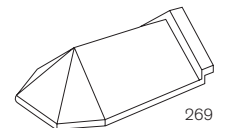
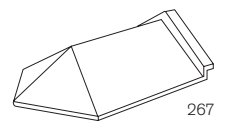
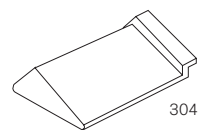
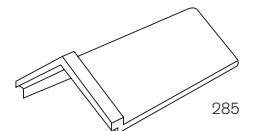
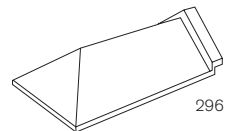
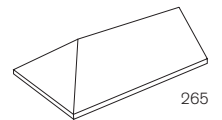
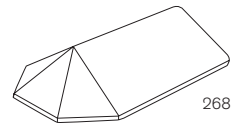
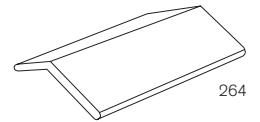


main apex	hip
75°	105°
90°	115°
105°	125°
115°	135°
125°	135°
135°	135°

angle A	span S	wing length W
75°	185	150
90°	215	150
105°	240	150
115°	260	150
125°	275	150
135°	310	175

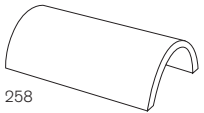
half round span S
75
100
150
200
225
250

Plain & Capped Angle

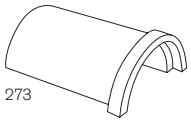


list no.	description	length	angle
264	Plain Angle Ridge	300, 450	75, 90, 105, 115, 125, 135
265	Plain Angle Hip Stop End	300, 450	75, 90, 105, 115, 125, 135
266	Plain Angle Pen Point	300, 450	90, 105, 115, 125, 135
268	Plain Angle Quoin End	300, 450	90, 105, 115, 125, 135
302	Plain Angle Gable Stop End	300, 450	90, 105, 115, 125, 135
269	Capped Angle Quoin End	300, 450	90, 105, 115, 125, 135
285	Capped Angle Ridge	300, 450	75, 90, 105, 115, 125, 135
296	Capped Angle Hip Stop End	300, 450	75, 90, 105, 115, 125, 135
267	Capped Angle Pen Point	300, 450	75, 90, 105, 115, 125, 135
304	Capped Angle Gable Stop End	300, 450	75, 90, 105, 115, 125, 135

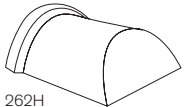
Half Round (plain & capped) & Non Angular Section



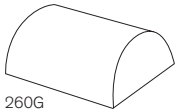
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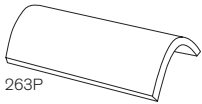
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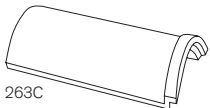
262H



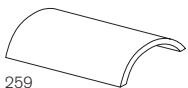
260G



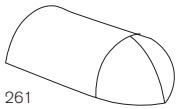
263P



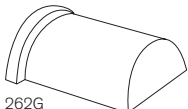
263C



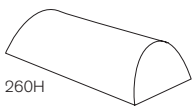
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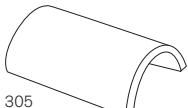
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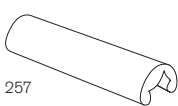
262G



260H



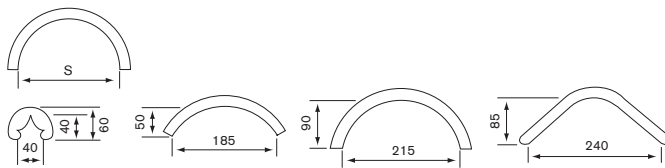
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257

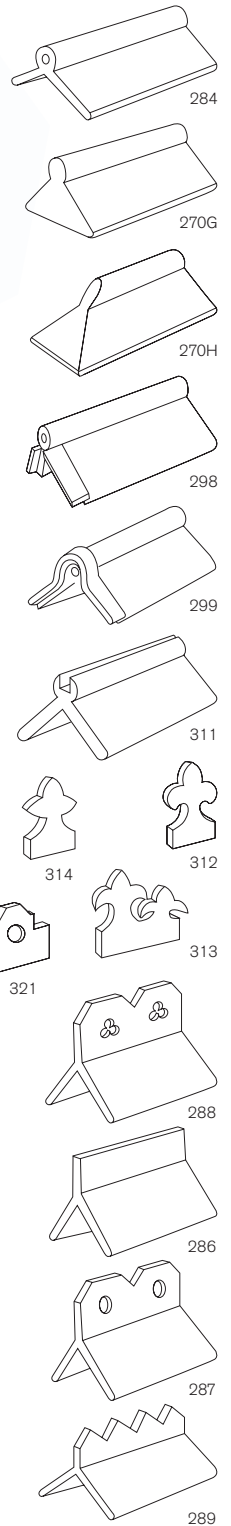
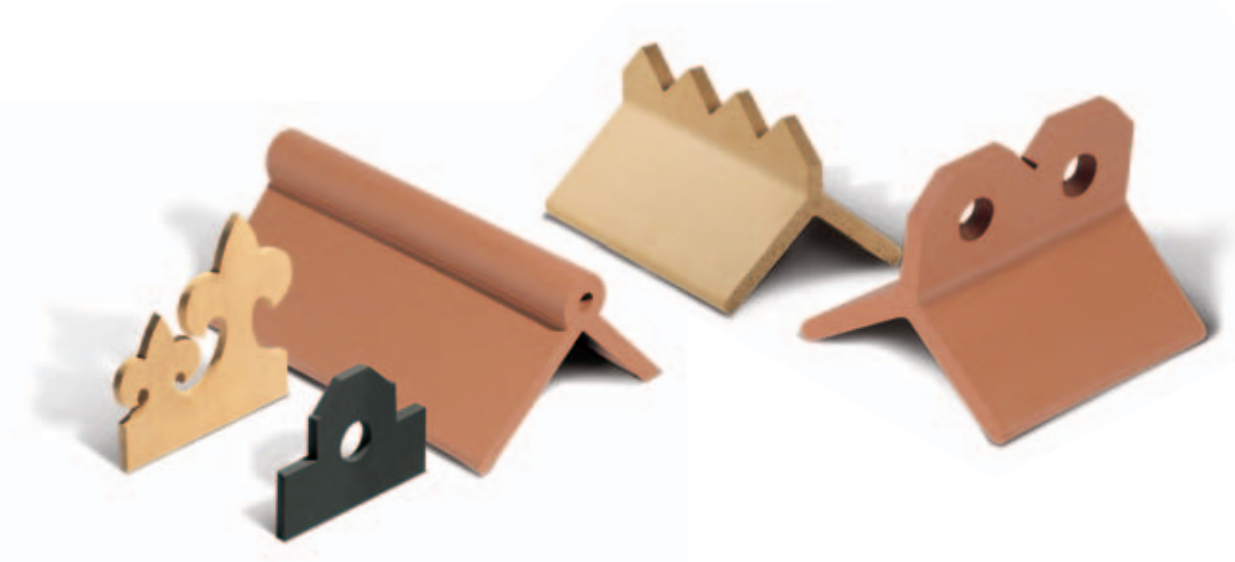


Specifications

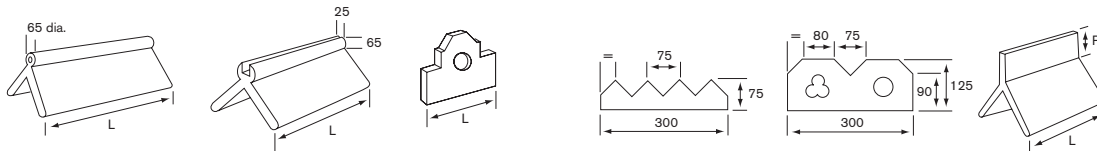


list no.	description	length	span S
258	Plain Half Round Ridge	300, 450	75, 100, 150, 200, 225, 250, 300
260G	Plain Half Round Gable Stop End	300, 450	200, 225
260H	Plain Half Round Hip Stop End	300, 450	200, 225
261	Half Round Pen Point Stop End	300, 450	200, 225
273	Capped Half Round Ridge	300, 450	200, 225
262G	Capped Half Round Gable Stop End	300, 450	200, 225
262H	Capped Half Round Hip Stop End	300, 450	200, 225
257	Pascall Roll Ridge	300	40
259	Segmental Ridge	300, 450	185
263P	Plain Hog Back Ridge	300, 450	240
263C	Capped Hog Back Ridge	300, 450	240
305	Special Section Half Round Ridge	300, 450	215

Roll Top, Slotted Roll Top & Crested Ridge



Specifications



list no.	description	length L	angle
284	Roll Top Ridge	300, 450	75, 90, 105, 115, 125, 135
270G	Roll Top Gable Stop End	300, 450	75, 90, 105, 115, 125, 135
270H	Roll Top Hip Stop End	300, 450	75, 90, 105, 115, 125, 135
298	Capped Wing Roll Ridge	300, 450	75, 90, 105, 115, 125, 135
299	Capped Over Roll Ridge	300, 450	75, 90, 105, 115, 125, 135
311	Slotted Roll Top Ridge	300, 450	75, 90, 105, 115, 125, 135

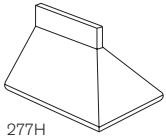
Standard Slotted Roll Top Insert Pattern. Other angle sizes available to order.

312	Fleur-de-Lys Single	150	210
313	Fleur-de-Lys Double	225	220
314	Cross Pattern	140	190
321	One Hole	200	150

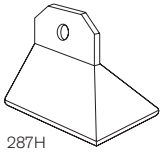
list no.	description	length L	angle	height of crest P
286	Plain Crested Ridge	300	75, 90, 105, 115, 125, 135	25, 50, 75, 100, 125, 150 (Applicable to all angles)
287	Two Hole Crested Ridge	300	75, 90, 105, 115, 125, 135	125
288	Club Crested Ridge	300	75, 90, 105, 115, 125, 135	125
289	Cocks Comb Crested Ridge	300	75, 90, 105, 115, 125, 135	75

NB. 450mm lengths can be made to special order.

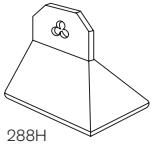
Crested Stop Ends



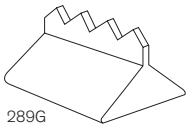
277H



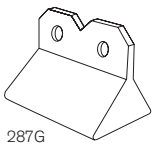
287H



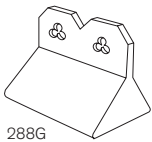
288H



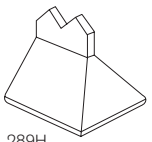
289G



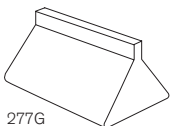
287G



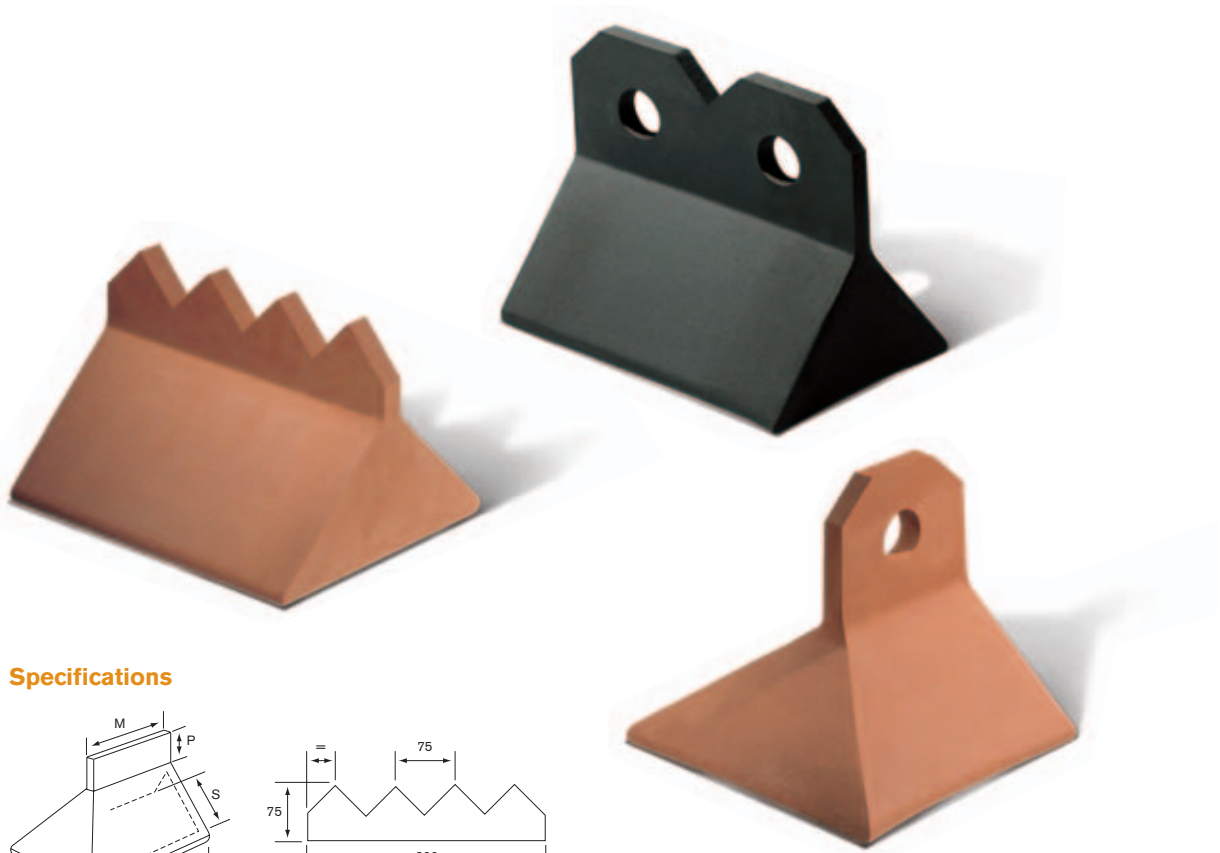
288G



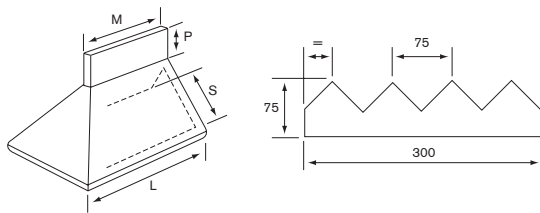
289H



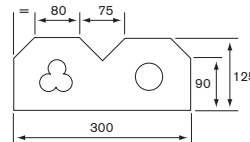
277G



Specifications



list no.	description	angle	height of crest P	length L	length M
277G	Plain Crested Gable Stop End	75, 90, 105, 115, 125, 135	25, 50, 75, 100, 125, 150 (Applicable to all Angles)	300	300
277H	Plain Crested Hip Stop End	75, 90, 105, 115, 125, 135	25, 50, 75, 100, 125, 150 (Applicable to all Angles)	*	150
287G	Two Hole Crested Gable Stop End	75, 90, 105, 115, 125, 135		300	300
287H	Two Hole Crested Hip Stop End	75, 90, 105, 115, 125, 135		*	150
288G	Club Crested Gable Stop End	75, 90, 105, 115, 125, 135		300	300
288H	Club Crested Hip Stop End	75, 90, 105, 115, 125, 135		*	150
289G	Cocks Comb Crested Gable Stop End	75, 90, 105, 115, 125, 135		300	300
289H	Cocks Comb Crested Hip Stop End	75, 90, 105, 115, 125, 135		*	150

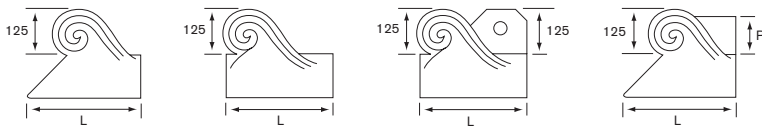


* Length 75° - 230, 90° - 250, 105° - 265, 115° - 275, 125° - 280, 135° - 310

Scroll Finials

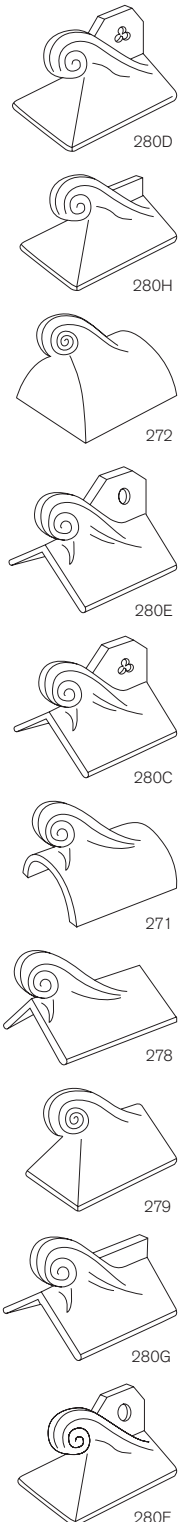


Specifications

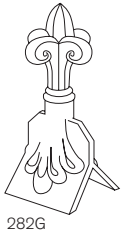


list no.	description	length L	angle	span (int. dia.)	height of crest P
271	Half Round Scroll Gable Finial	300		200, 225, 250	
272	Half Round Scroll Hip Finial	300		200, 225, 250	
278	Angled Scroll Gable Finial	300	75, 90, 105, 115, 125, 135		
279	Angled Scroll Hip Finial	300	75, 90, 105, 115, 125, 135		
280G	Angled Scroll Plain Crested Gable Finial	300	75, 90, 105, 115, 125, 135		25, 50, 75, 100, 125, applicable to all angles
280E	Angled Scroll Holed Crested Gable Finial	300	75, 90, 105, 115, 125, 135		See illustrated detail of Crested Ridge on page 5
280C	Angled Scroll Club Crested Gable Finial	300	75, 90, 105, 115, 125, 135		See illustrated detail on page 5
280H	Angled Scroll Plain Crested Hip Finial	300	75, 90, 105, 115, 125, 135		25, 50, 75, 100, 125, applicable to all angles
280F	Angled Scroll Holed Crested Hip Finial	300	75, 90, 105, 115, 125, 135		See illustrated detail on page 5
280D	Angled Scroll Club Crested Hip Finial	300	75, 90, 105, 115, 125, 135		See illustrated detail on page 5
280J	Angled Scroll Cocks Comb Gable Finial	300	75, 90, 105, 115, 125, 135		Not illustrated
280K	Angled Scroll Cocks Comb Hip Finial	300	75, 90, 105, 115, 125, 135		Not illustrated

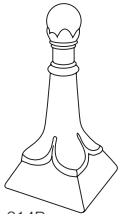
Angled Roll Top Scroll Finials available to special order.



Finials



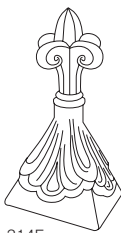
282G



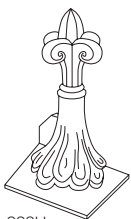
314B



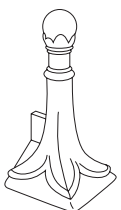
283G



314F



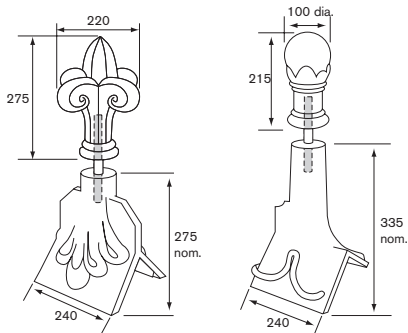
282H



283H

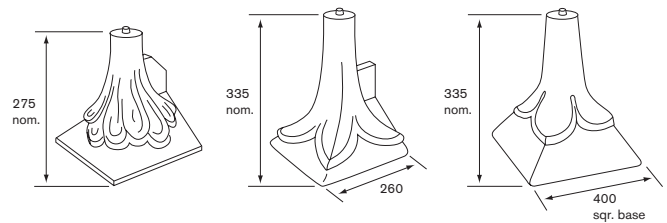


Specifications (Gable Bases)



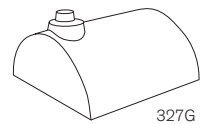
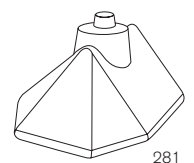
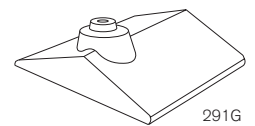
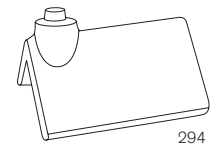
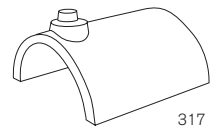
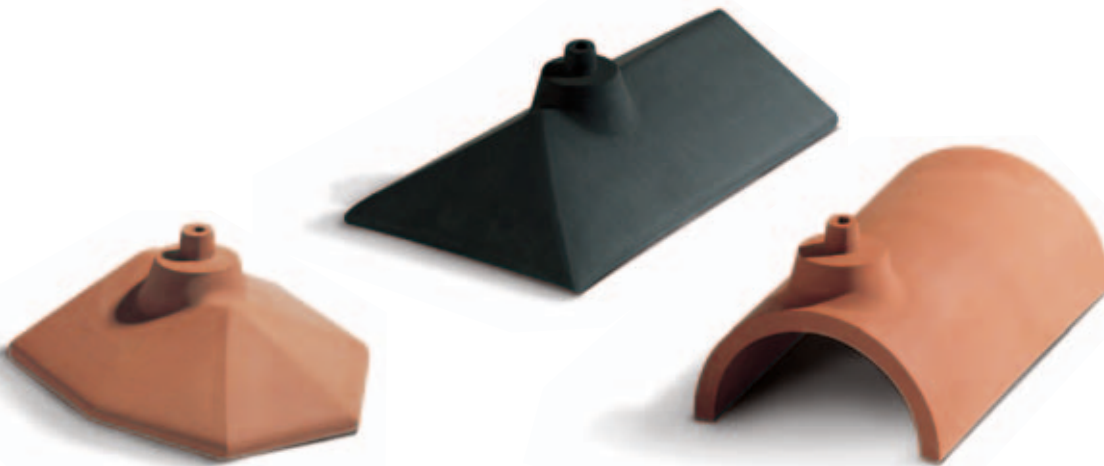
All finial components should be mortared together. 10mm diameter Stainless Steel Rod must be threaded through all finial components and secured to the roof timbers
N.B. Allowance must be made for expansion of the rod.

Specifications (Hip Bases)

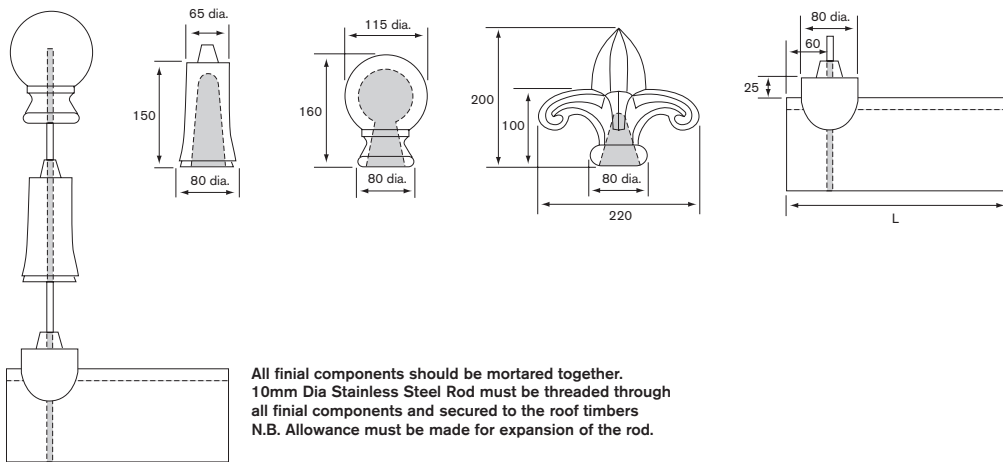


list no.	description	nominal height	angle
282G	Fleur-de-Lys Gable Finial	550	75, 90, 105, 115, 125, 135
282H	Fleur-de-Lys Hip Finial	550	75, 90, 105, 115, 125, 135
283G	Ball Top Gable Finial	550	75, 90, 105, 115, 125, 135
283H	Ball Top Hip Finial	550	75, 90, 105, 115, 125, 135
314B	Ball Top Pyramid Finial	550	Purpose made to suit roof pitch
314F	Fleur-de-Lys Pyramid Finial	550	Purpose made to suit roof pitch

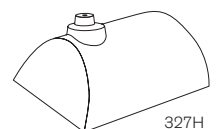
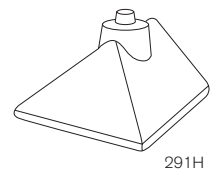
Finial Bases & Accessories



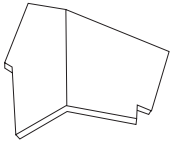
Specifications (Hip Bases)



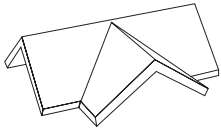
list no.	description	length L	angle	span (int. dia.)
294	Ridge Finial Base	300, 450	75, 90, 105, 115, 125, 135	
291G	Angled Gable Stop End Finial Base	300, 450	75, 90, 105, 115, 125, 135	
291H	Angled Hip Stop End Finial Base	300, 450	75, 90, 105, 115, 125, 135	
281	Angled Quoin End Finial Base	300, 450	75, 90, 105, 115, 125, 135	
317	Half Round Ridge Finial Base	300		200, 225
327G	Half Round Gable Stop End Finial Base	300		200, 225
327H	Half Round Hip Stop End Finial Base	300		200, 225
292	125mm high Extension Piece		See illustrated detail	See illustrated detail
293	125mm high Small Ball Top		See illustrated detail	See illustrated detail
295	125mm high Small Fleur-de-Lys Top		See illustrated detail	See illustrated detail



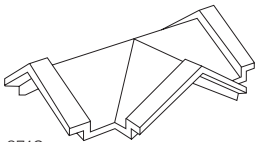
Junction Pieces



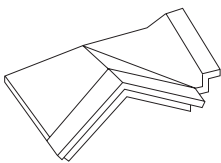
275P



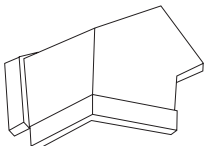
274P



274C



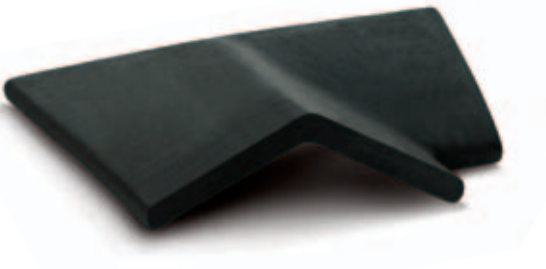
276C



275C



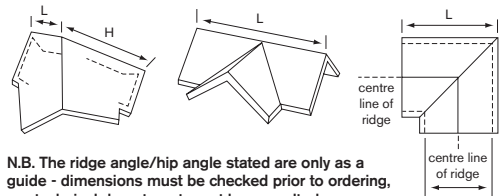
276P



list no.	description	angle	length L
274P	Plain 'T' Piece	75	335
274C	Capped 'T' Piece	90	365
276P	Plain Square Angle Piece	105	390
		115	410
276C	Capped Square Angle Piece	125	425
		135	450

Each pattern is available in all angles listed.

Specifications



list no.	description	main angle	hip angle	length L	length H
		75	105	125	300
		90	115	125	275
275P	Plain 3 Way Piece	105	125	125	225
275C	Capped 3 Way Piece	115	125	100	225
		125	135	100	215
		135	135	125	250

Each pattern is available in all angles listed.

Other Hanson Red Bank Roofing Products

To meet modern day ventilation requirements, Hanson Red Bank's vent ridge can be supplied to suit all patterns of ridge tiles. A key feature of its design is the ventilation opening hidden within the mortar bed, which allows a continuous and uninterrupted ridge line to be maintained.

Dry Fix Ridge System

Where both rigorous fixing requirements are demanded and ventilation is needed, a Dry Fix Ridge system is available. All Hanson Red Bank ridge

patterns can be supplied in the Dry Fix format and all fixings are completely concealed leaving the appearance of a traditionally tiled roof.



Dry Fix Ridge System

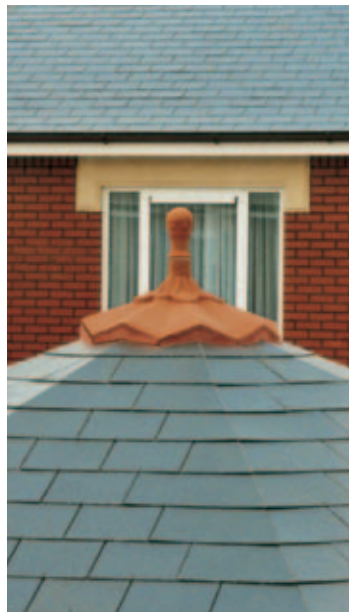


Low Resistance Gas Ridge Terminal

Low Resistance Terminal

The Hanson Red Bank Low Resistance Terminal is approved by British Gas and complies with all requirements of BS : 1289.

It is suitable for use with all domestic gas appliances with outlet diameter of up to 125mm.



Hanson Building Products – A sustainable business

Hanson Building Products is committed to being a sustainable business and contributing to sustainable development. We achieve this by continuous improvement of our manufacturing and extraction processes and by providing products which contribute to sustainable construction.

Made at factories certified to ISO 14001, our clay and concrete products have many features which assist our customers in constructing attractive, sustainable buildings which enrich the built environment. These include: durability, low maintenance, flexibility, flood resistance and ability to be recycled. Providing insulation and thermal mass, our products are ideal for zero carbon developments. We advise on how best to use our products in sustainable buildings and how they contribute to high ratings under the Code for Sustainable Homes and BREEAM.

This brochure is printed on Satimat Silk, an FSC certified product. Contains ECF pulp sourced from well managed and sustainable forests.

Hanson a global business

Hanson is one of the world's largest suppliers of heavy building materials to the construction industry. We produce aggregates (crushed rock, sand and gravel), ready-mixed and precast concrete, asphalt and cement-related materials and a range of building products including concrete pipes, concrete pavers, tiles and clay bricks.

We are part of the HeidelbergCement Group, which employs 70,000 people across five continents and has leading positions in concrete and heavy building products and is the global leader in aggregates.

Hanson Building Products is the UK's largest brick and aircrete block producer. We also produce aggregate blocks, bagged aggregate and cement products, renders, pavers, pre cast floors and stairs, SUD systems and prefabricated building systems. The division incorporates London Brick, Thermalite, Red Bank, Cradley, Formpave and Struchtherm.

All dimensions are in mm, drawings not to scale and all sizes nominal.
The colours in this brochure are as true as can be obtained by the normal printing process. Hanson Red Bank is committed to a program of continuous product development and reserve the right to alter specifications without prior notification. For further product information or assistance please telephone our freephone sales line: (0800) 3285243.

Quality Assured



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