



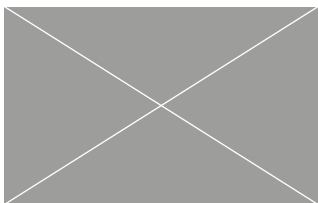
Hardrow Key Information



	18 x 12	18x 18	24 x 18
Overall Length	457mm	457mm	610mm
Hanging Length	407mm	407mm	460mm
Overall Width	305mm	457mm	457mm
Cover Width	311mm	464mm	468mm
Mass (approx.)	4.8kg	7.2kg	10.6kg

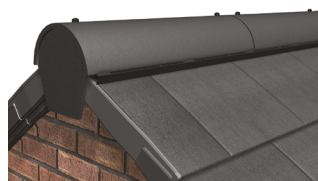
	Pitch	Batten Spacing	Headlap	Side lap	Tiles Per m ²	Batten Per m ²	Mass Per m ²	Nail Size
18 x 12	25°+	191mm max	75mm min	95mm min	17.22/m ²	5.24lm	83kg	40mm x 3.35mm
18 x 18	20°-24.5°	178mm max	102mm min	89mm min	12.3/m ²	5.62lm	88kg	40mm x 3.35mm
	25°+	191mm max	75mm min	75mm min	11.5/m ²	5.24lm	83kg	
24 x 18	17.5°-19.5°	241mm max	127mm min	121mm min	9.07/m ²	4.15lm	96kg	40mm x 3.35mm
	20°-24.5°	255mm max	100mm min	102mm min	8.61/m ²	3.92lm	91kg	
	25°+	267mm max	75mm min	107mm min	8.2/m ²	3.75lm	87kg	

Verge System



Currently Wet Bed Only
Verge Clips available

Ridge System



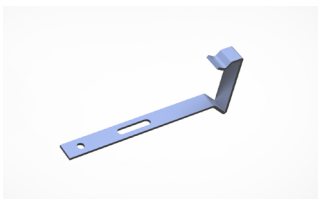
Coverage: 6m Pack
Half Round or Uni Angle Ridge (NH) Above 40°
5000mm²/linear metre free vent area
Pitch Limits: Please see dry ridge table.

Vent Tiles



Air Vent - Vent Tile Only
Soil Vent - Vent Tile, Adaptor,
100mm flexi pipe
7860mm² Free Vent Area
Pitch Limits: 17.5° - 55°

Verge Clips



V2 Verge Clip Used
Packs of 50
Nails to batten
Use with mortar bedded verge
Made from Stainless Steel

Tile Clips Nail Only

Hip System Wet Bed Only



Hardrow - Quick Order Sheet - Main Tiles

18 x 12		
Tile	Size	Product Code
Main Tile	18 x 12	STR/ 7963 /A001/-- (Solo Colour)
		STR/ 7966 /A001/-- (Duet Colour)
Tile & Half	18 x 18	STR/ 7963 /B001/-- (Solo Colour)
		STR/ 7966 /B001/-- (Duet Colour)
Eaves & Tops	13 x 12	STR/ 7963 /A006/-- (Solo Colour)
		STR/ 7966 /A006/-- (Duet Colour)

18 x 18		
Tile	Size	Product Code
Main Tile	18 x 18	STR/ 7963 /B001/-- (Solo Colour)
		STR/ 7966 /B001/-- (Duet Colour)
Tile & Half	18 x 27	STR/ 7963 /B002/-- (Solo Colour)
		STR/ 7966 /B002/-- (Duet Colour)
Eaves & Tops	12 x 18	STR/ 7963 /B006/-- (Solo Colour)
		STR/ 7966 /B006/-- (Duet Colour)

Colour Codes	
Solo (7963)	Duet (7966)
Oldstone (31)	Barley (21)
Yellow (34)	Dusk (22)
Brown (35)	Twilight (29)
Light Grey (36)	
Dark Grey (37)	
Thatch (38)	

24 x 18		
Tile	Size	Product Code
Main Tile	24 x 18	STR/ 7963 /C001/-- (Solo Colour)
		STR/ 7966 /C001/-- (Duet Colour)
Tile & Half	24 x 27	STR/ 7963 /C002/-- (Solo Colour)
		STR/ 7966 /C002/-- (Duet Colour)
Eaves & Tops	18 x 18	STR/ 7963 /C006/-- (Solo Colour)
		STR/ 7966 /C006/-- (Duet Colour)

15 x 9		
Tile	Size	Product Code
Main Tile	15 x 9	STR/ 7963 /J001/-- (Solo Colour)
		STR/ 7966 /B001/-- (Duet Colour)
Tile & Half	15 x 13 1/2	STR/ 7963 /J002/-- (Solo Colour)
		STR/ 7966 /J002/-- (Duet Colour)
Eaves & Tops	10 x 9	STR/ 7963 /J006/-- (Solo Colour)
		STR/ 7966 /J006/-- (Duet Colour)

27 x 18 Main Tile		
Tile	Size	Product Code
Main Tile	27 x 18	STR/ 7963 /D001/-- (Solo Colour)
		STR/ 7966 /D001/-- (Duet Colour)
Tile & Half	27 x 27	STR/ 7963 /D002/-- (Solo Colour)
		STR/ 7966 /D002/-- (Duet Colour)
Eaves & Tops	18 x 18	STR/ 7963 /B001/-- (Solo Colour)
		STR/ 7966 /B001/-- (Duet Colour)

Hardrow - Quick Order Sheet - Fittings

Ridge

Roof Pitch	Ridge Angle	Dry Fix (Nailhole Ridge)	or	Mortar Bedded (No Nailhole Ridge)
17.5° to 20°	105°	STR/7975/RD05/--		STR/7975/R005/--
20.5° to 35°	90°	STR/7975/RD40/--		STR/7975/R040/--
35.5° to 40°	70°	STR/7975/RD37/--		STR/7975/R037/--
40.5° to 45°	LB Ridge	BUZ/7935/D516/-- (Half Rnd) BUZ/7935/UD16/-- (Uni Angle)		STR/7975/R042/--
45.5° to 55°	LB Ridge	BUZ/7935/D516/-- (Half Rnd) BUZ/7935/UD16/-- (Uni Angle)		STR/7975/R045/--

Dry Ridge Packs

Roof Pitch	Dry Ridge Packs (6m)	Product Code (Grey or Rustic Colours)
17.5° to 20°	105°	STR/7951/DT05/--
20.5° to 35°	90°	STR/7951/DT40/--
35.5° to 40°	70°	STR/7951/DT37/--
Above 40°	LB Ridge Pk	BUZ/7951/GMT5/--

Ridge Blockends

Roof Pitch	RidgeBlockend Size (900mm)	Dry Fix (Nailhole Ridge)	or	Mortar Bedded (No Nailhole Ridge)
17.5° to 20°	105°	STR/7975/RBD5/--		STR/7975/RED5/--
20.5° to 35°	90°	STR/7975/RBD2/--		STR/7975/RED2/--
35.5° to 40°	70°	STR/7975/RBD1/--		STR/7975/RED1/--
40.5° to 45°	LB Ridge	BUZ/7940/D524/-- (Half Rnd) BUZ/7940/U524/-- (Uni Angle)		STR/7975/RBD3/--
45.5° to 55°	LB Ridge	BUZ/7940/D524/-- (Half Rnd) BUZ/7940/U524/-- (Uni Angle)		STR/7975/RBD4/--

Hardrow Ridge Tiles used on Hips

Roof Pitch	Hardrow Ridge Tile	Code (Non-Nailhole)
17.5° to 20°	140°	STR/7975/R045/--
20.5° to 35°	140°	STR/7975/R045/--
35.5° to 42.5°	120°	STR/7975/R042/--
43° to 50°	105°	STR/7975/R005/--
51° to 60°	90°	STR/7975/R040/--

Hardrow - Quick Order Sheet - Fittings

Vent Tiles

Plastic Air Vent - Lo-vent

BUZ/7955/M5IV/--

Plastic Soil Vent - Lo-vent +

Adaptor + Flexi Pipe

BUZ/7955/M5IS/--

Concrete Air Vent

18 x 12 - STR/7972/P001/--

18 x 18 - STR/7972/P002/--

24 x 18 - STR/7972/P003/--

Concrete Soil Vent

18 x 12 - STR/7972/P005/--

18 x 18 - STR/7972/P006/--

24 x 18 - STR/7972/P007/--

Misc Plastics

Eaves Vent Pack (6m) - BUZ/7955/U5E5/00

Ext Pack (6m) - BUZ/7955/U5E7/00

Abutment Pack (3m) - STR/7951/HRA3/--

Clips

Verge Clips - Packs 50 - BUZ/7960/V253/00

Top Slate Clip (Pairs) - STR/7961/TC51/00

Dry Valleys

Dry Valley (3m) - BUZ/7955/0042/00

Mortar Bed (3m) - BUZ/7955/0040/01

Hardrow Harmony Colour Mixes

Harmonies	Mix	Mix	Mix	Mix
Symphony	60% Brown	20% Yellow	20% Light Grey	-
Overture	60% Light Grey	20% Dark Grey	20% Thatch	-
Collyweston	55% Light Grey	40% Yellow	5% Brown	-
Cotswold	20% Brown	40% Light Grey	30% yellow	10% Thatch