

Ventilation

In-line vent installation

Vents are installed to the same bond as surrounding slates. Metavents require the intermediate batten between the rafters (approx. 2/3 from the foot of the slate) to be cut between the rafters and re-nailed further up the roof to accommodate the air channel/adaptor on the underside of the vent and to support the head of the vent.



CemVent



Metavent



Vent Adaptor

In-line roof slope vents – product range

Product	Clear air capacity	Appearance smooth	Appearance textured	Dimension 600x300mm	Dimension 500x250mm
Metavent	10,000mm ²	✓	✓	✓	✓
CemVent Slate set onto grill & vent apparatus	10,000mm ²	✓	✓	✓	✓
Vent adaptor	10,000mm ²	n/a	n/a	✓	✓

BS 5250:2011 Code of practice for control of condensation in buildings requires low level inlet/outlet and high level outlet of air into and out of the roof to remove potentially damaging condensation. In-line vents fulfil both functions according to where they are located in the roof. They can also be used to provide ventilation where continuous ventilation is not possible such as on hip and valley slopes. In-line vents can be converted to terminals for gas and soil outlet when used with adapters and flexible hoses.

Fibre-cement dry fix ridge and hip coverings (cappings)

Ridges and hips are subject to high wind loadings. Experienced slaters, working according to BS 8000-6:2013 and BS 5534:2014, can create a weatherproof hip by close mitring the slates. It is however common practise at low pitches to use “cappings” to provide extra protection on hips as well as on ridges.

Fibre cement ridge/hip covering product range – Dimensions

Profile	Joint	Roof pitch	Ridge angle	Cover length (mm)	Wing (mm)	Cover width (diameter)	Block end depth (mm)	Air gap per unit (mm ²)	
Continuous vented ridge	Spigot + Socket	22.5°	135°	525	140	250	n/a	5880	
		End cap	Socket	22.5°	135°	500	140	250	200
	Spigot + Socket	30°	120°	525	140	250	n/a	5880	
		End cap	Socket	30°	120°	500	140	250	200
	Spigot + Socket	37.5°	105°	525	140	250	n/a	5880	
		End cap	Socket	37.5°	105°	500	140	250	200
	Spigot + Socket	45°	90°	525	140	250	n/a	5880	
		End cap	Socket	45°	90°	500	140	250	200
	Spigot + Socket	52.5°	75°	525	140	250	n/a	5880	
		End cap	Socket	52.5°	75°	500	140	250	200