

Ventair

Description

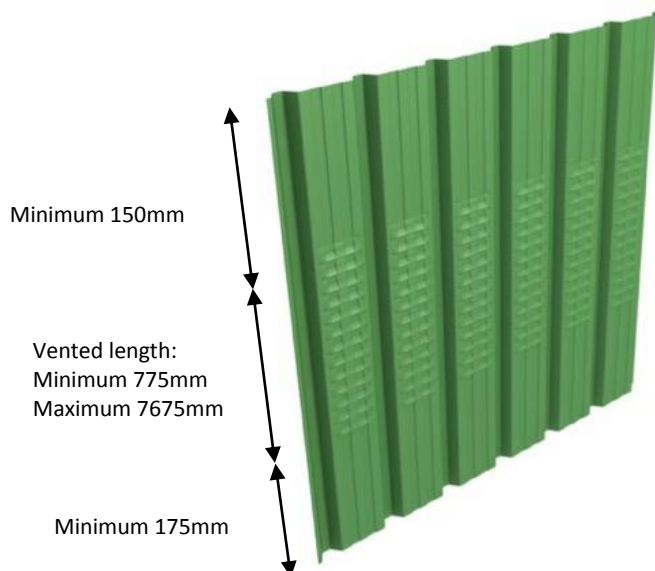
Ventair is manufactured from AS24/1000W profile coated steel sheets, with louvred slots to provide efficient ventilation and ambient natural light while excluding water penetration and direct vision, ideal for livestock buildings, equine arenas, ménages, milking parlours, or others buildings requiring good natural ventilation.

Ventair has louvred slots punched into the broad flats of the profile creating a 12.5% open area. The slots are shaped to shed water efficiently while providing good airflow and allow discrete ambient light. Direct vision is minimised to protect the livestock or activities within the building.

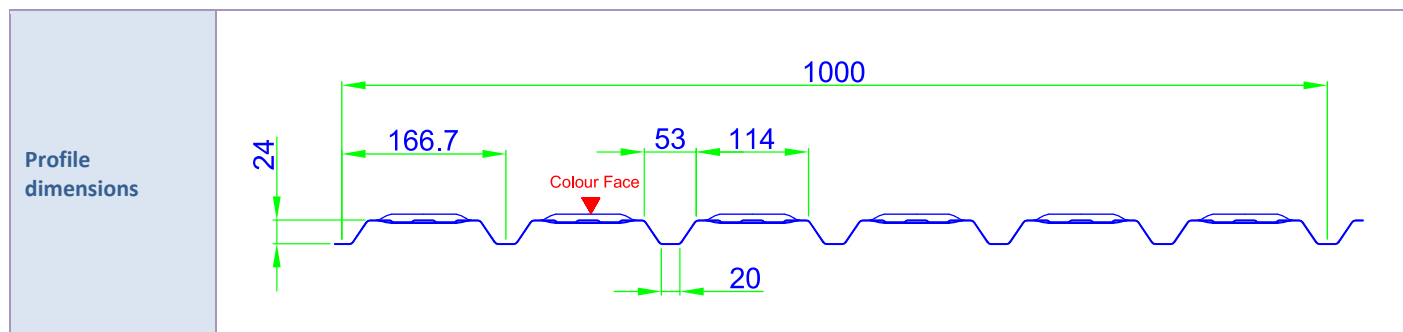
Application



Profile depth	24mm
Profile cover width	1000mm
Profile pitch	167.7mm
Nominal profile weight	0.5mm = 4.8kg/m ²
Pack weight	Max 2.0t
Lengths	Minimum length 1.100m Maximum length 8.000m
Louvre Dimensions	9mm x 77mm at 32mm pitch
Open area	12.5%
CE reference	N/A



Ventair



Materials	<p>Substrate: 0.5mm steel, Class1, S220GD+Z275 or AZ150</p> <p>Paint finish options: To standard colour charts. Plastisol PVC(P), 200µm Polyester SP, 25µm Agri-Steel™</p>
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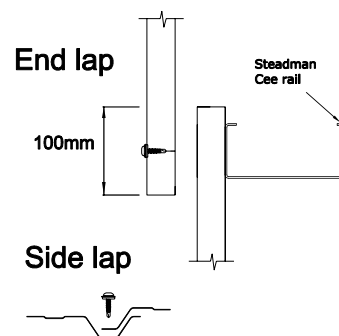
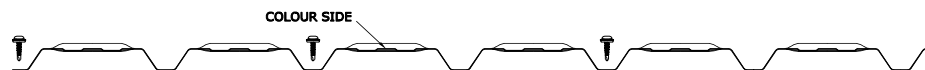
Installation

TF24.1000.167.W.Ventair Direction of lay 

End laps, top of wall, bottom of wall



Intermediate supports




Laps/Sealants	<p>End laps: 100mm, no sealant. Side laps: one full rib overlap, no sealant.</p>
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Fastener frequency	<p>End laps and perimeters (top/bottom of walls, penetrations): 6No/m (every trough), central to a 100mm end lap. Edge distance minimum 30mm. Intermediate supports: 3No/m (alternate troughs) Side laps: When specified, stitch at max 500mm centres.</p>
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Fastener types	<p>Carbon steel 5.5mm Ø, 16mm or 19mm Ø sealer washer, colour matched head Stitchers: carbon steel 5.5mm or 6.3mm Ø, 16mm Ø sealer washer, colour matched head. MCRMA Guidance Note GD14 states a life expectancy of up to 12 years for carbon steel fasteners under external applications. Minimum embedment to timber 40mm.</p>
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Ventair

<p>Delivery</p>	<p>Store at ground level in a protected area, on bearers (placed above each other), at a slope to drain, under tarpaulin if to be stored for longer than a week. Lift with care (do not drag sheets): <6m- by site telehandler or forklift with tines set apart, 1 pack at a time, >6m by crane using slings (not chains). Inspect packs and record any damage/shortages on delivery paperwork, backed by photos to be sent to Steadmans with a report within 48 hours.</p>
<p>Site work</p>	<p>Ventair should be isolated from treated timber by, for example, a DPM, to prevent corrosion. On elevations subject to severe exposure or prevailing winds it is recommended that a non-perforated matching profiled steel sheet manufactured be used instead of Ventair. Ventair should always be installed above solid walls and out of reach of the livestock to avoid damage and possible injury to animals.</p> <p>Before installation check that the supporting structure is in a fit condition and to an acceptable installation tolerance to receive the wall construction. Where profiles have to be cut on site:</p> <ul style="list-style-type: none"> • Use a powered nibbler, reciprocating saw or circular saw. Do not use an abrasive wheel. • Support the profile along the line of the cut. • Protect the pre-coated finishes of the profile. • Clean any swarf or debris from the pre-coated finish of the profile immediately. <p>Minor scuffing of the colour coating should not be treated. Deeper scratches which reach the substrate should be repaired with touch-up paint. The touch-up paint should only be applied to the original scratch using a fine paint brush. As touch-up paint will dry to a slightly different colour than the original coating the area which is touched up should be kept as small as possible. Protect from following trades Do not allow build-up of straw and other debris to accumulate as this will reduce performance and may cause corrosion. Occasional washing down with a hosepipe will keep Ventair clear of any dirt and preserve its appearance.</p> 
<p>Contact</p>	<p>A Steadman and Son (a division of Building Solutions (National) Limited), Warnell, Welton, Carlisle, CA5 7HH T 016974 78277 F 016974 78530 E-mail info@steadmans.co.uk Online www.steadmans.co.uk</p>