
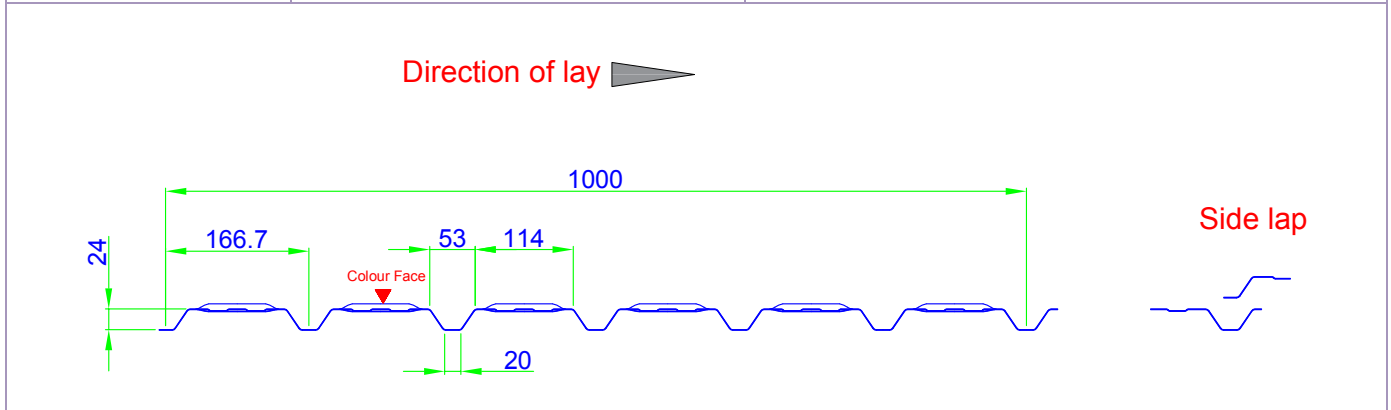



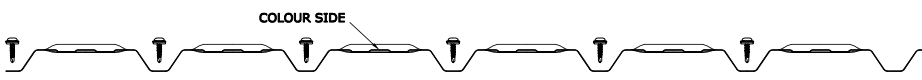

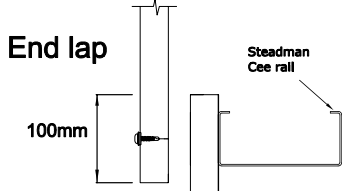
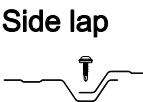
# TF24/1000W Ventair

Description		
Application	<p>Ventair is a painted steel profile 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.</p>	
	<p>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.</p>	
		

Profile depth	24mm
Profile cover width	1000mm
Profile pitch	167mm
Nominal profile weight	0.5mm = 4.8kg/m <sup>2</sup>
Pack weight	Max 2.0t
Lengths	Minimum length 1.100m Maximum length 9.000m
Open area	12.5%
CE reference	N/A



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<p><b>Materials</b></p>	<p><b>Substrate:</b> 0.5mm steel, Class1, S220GD+Z275 or AZ150</p> <p><b>Paint finish options:</b> To standard colour charts. Plastisol PVC(P), 200µm Polyester SP, 25µm Agri-Steel™</p>
<p><b>Installation</b></p>	
<p><b>TF24.1000.167.W.Ventair</b>      <b>Direction of lay</b> </p> <p><b>End laps, top of wall, bottom of wall</b></p>    	
<p><b>Laps/Sealants</b></p>	<p>End laps: 100mm, no sealant. Side laps: one full rib overlap, no sealant.</p>
<p><b>Fastener frequency</b></p>	<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>
<p><b>Fastener types</b></p>	<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>
<p><b>Delivery</b></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): &lt;6m- by site telehandler or forklift with tines set apart, 1 pack at a time, &gt;6m by crane using slings (not chains). Inspect packs and record any damage/shortages on delivery paperwork, backed by photos to be sent to Trimform with a report within 48 hours.</p>
<p><b>Site work</b></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>

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Site work

Side laps should face away from the prevailing wind  
 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:

- 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.

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.



## TF24/1000W Ventair

### Safety data

#### COMPOSITION/INFORMATION ON INGREDIENTS

Single skin coated steel profiled sheets products used for roof and wall cladding industrial and commercial buildings. Refer to Trimform and industry standard installation guidance for use. To be used in accordance with industry standard practices, Building Regulations and site RAMS. If any other use is to be considered, please contact Trimform.

#### HAZARDS

1. Under normal conditions of storage and when fixed, the products do not constitute a hazard.
2. During the fixing operation or whilst handling, laceration of the skin is possible on the edges of the sections, and if oil is present on the material skin contamination may occur.
3. When breaking open strapping which is used to secure bundles of sections, there is a risk of skin or eye injury.
4. Some components are heavy and injury may result from incorrect lifting or handling.
5. Cutting the product may cause flying swarf, which could injure skin, particularly eyes.
6. When subjected to elevated temperatures, e.g. during welding or flame cutting, fumes containing oxides of iron and zinc may be produced, which can cause metal fume fever if inhaled. This is a short lasting condition with symptoms similar to influenza.
7. If involved in a fire, any plastic components could degrade and generate smoke and fumes, which could be toxic if inhaled.

#### FIRST AID MEASURES

- Inhalation: N/A
- Skin: Wash with soap and water
- Eyes: If dust makes contact with eyes, rinse with clean water
- Ingestion: N/A
- Other: Seek medical attention if any symptoms persist

#### FIRE-FIGHTING MEASURES

These products do not pose a fire hazard. However, packaging, rubber elements and protective coatings may be combustible and emit hazardous fumes. No special fire fighting procedures or extinguishing media's are required to deal with burning products.

#### ACCIDENTAL RELEASE MEASURES




Product discarded in an unaltered form is classified as a non-hazardous waste.

#### HANDLING/STORAGE

1. Store in a location free from ignition hazard, such as open flames, cutting and welding torches, high surface temperatures, electric heaters and other forms of direct radiant heat.
2. Ensure stability of stack and provide adequate aisle space for access between stacks.
3. Store packs off the ground and on a slope so that should rain water penetrate the wrapping, water will drain away.
4. Support the packs evenly with bearers spaced at 2m. Bearers should always be placed one directly above another.
5. During the fixing operation or whilst handling, laceration of the skin is possible on the edge of the sheet.
6. Product is supplied in heavy bundles and injury may result from incorrect lifting or handling.

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	<p>7. Cutting the product may cause flying swarf, which could injure skin, particularly eyes. Cutting can also produce dust, which can cause irritation if inhaled.</p> <p><b>EXPOSURE CONTROL/PERSONAL PROTECTION</b></p> <ol style="list-style-type: none"> <li>1. Protective clothing, particularly gloves, should be worn to avoid skin laceration.</li> <li>2. Eye and ear protection should be used when cutting.</li> <li>3. Handling sheets and bundles should be in accordance with HSE recommendations.</li> <li>4. Do not use flame cutting equipment, blow lamps, or any high temperature equipment or process near the panels.</li> <li>5. If subject to abnormally high temperatures ensure adequate ventilation.</li> <li>6. In a fire, breathing apparatus should be worn.</li> </ol> <p><b>PHYSICAL AND CHEMICAL PROPERTIES</b></p> <p>Coated steel sheets rolled to various profiles. Steel is hot-dip galvanised or Aluzinc coated.</p> <p><b>STABILITY AND REACTIVITY</b></p> <p>Stable and un-reactive under normal conditions.</p> <p><b>TOXICOLOGICAL INFORMATION</b></p> <p>N/A</p> <p><b>ECOLOGICAL INFORMATION</b></p> <p>Non-hazardous product with no known adverse environmental effects.</p> <p><b>DISPOSAL INFORMATION</b></p> <p>Dispose at an authorised metal recycling facility in accordance with the Waste Management Licensing Regulations. Observe usual safety precautions with polythene bags, wrapping and packaging. Waste product should be disposed of in accordance with local laws and regulations. Clean, undamaged product may be re-used.</p> <p><b>TRANSPORT INFORMATION</b></p> <p>Not classed as hazardous for transportation. Ensure security of load securing straps with edge protectors should be used. It is recommended that mechanical lifting equipment is used when moving bulk quantities</p>
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<p>Trimform Products</p>	<p>Trimform Products, Harding Way, Somersham Road, St. Ives, Huntingdon, Cambridgeshire, PE27 3WR T 01480 461103, F 01480 461102, E <a href="mailto:info@trimformfabs.co.uk">info@trimformfabs.co.uk</a> Trimform Products (a division of Building Solutions (National) Limited). Registered in England and Wales No. 11912299. ©Building Solutions (National) Limited.</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Assessed to ISO9001:2008 Cert No 13340-01</p> </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>
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