

Secure Windbreaks

thomas
 fontaine

Secure Windbreaks



- **Manufactured from the tried and tested Secure Covers material**
- **Easy to fit using a ratchet tensioning system**
- **Provides permanent or temporary weather protection and ventilation**

Wind, rain, snow or hailwe've got you covered

Secure Windbreaks



Loop hook attached to beam



Tightening Secure Windbreak

Secure Windbreaks

Easy to adjust



**Cut through windbreak material
on sleeve (not through webbing)**



Secure Windbreak material cut to length

Secure Windbreaks



Secure Windbreaks mounted in series

Secure Windbreaks



Secure Windbreaks mounted in series

Secure Windbreaks



Single Secure Windbreak covering 3 bays

Secure Windbreaks



Excellent light transmission

Secure Windbreaks



Excellent light transmission

Secure Windbreaks



Secure Windbreaks overlapping in series

Secure Windbreaks



Secure Windbreaks overlapping vertically

Secure Windbreaks

- Tough and non-fray
- Easy to install
- Reduces wind speed by 75%
- Excellent light transmission
- Fully adjustable
- Can be easily cut to size
- Tensioned with ratchet
- Suitable for livestock barns, storage barns, indoor arenas
- Weather protection for hay, straw, logs
- Fits standard 15' and 20' bays
- Also available for spans up to 45'
- **Fully** guaranteed for 10 years against fraying, unravelling, shredding or UV degradation.

Secure Windbreaks

2013 SIZES & PRICES

(including delivery, excluding VAT)

		Height			
		1.5m (4.9')	2.0m (6.5')	2.5m (8.2')	3.0m (9.8')
Width	4.75m (15')	£115	£130	£153	£177
	6.3m (20')	£146	£167	£186	£207
	8.0m (26')	£232	£270	£294	-
	10.0m (32')	£292	£337	£378	-
	12.0m (39')	£324	£364	£405	-
	14.0m (45')	£382	£430	£482	-

MAXIMISE YOUR BARN WITH A SECURE WINDBREAK

Farm buildings are an expensive investment and so it makes sense to maximise and extend their use. Secure Windbreaks can be quickly used to weatherproof open barns for use as emergency shelters during winter storms. Alternatively they are sturdy and robust enough to be used year round. Their ease of installation means that Secure Windbreaks can become a regular seasonal addition to a barn, converting an open sided structure into a protective, weather resistant storage unit or livestock and lambing shed.

Manufactured from the same long lasting UV resistant material used in our tried and tested Secure Covers silage covers, Secure Windbreaks have the same inherent toughness and resilience. However if accidentally damaged, for example by coming into contact with horned stock, the material will not fray thus overcoming the



shredding problem seen in some woven windbreaks.

In most cases the rapid fixing of Secure Windbreaks requires only 2 people, a sharp pair of scissors, a marker pen and some ladders! The use of a flexible ratchet strap system combined with non-fray material means that standard sizes can be easily cut and adjusted to fit a wide range of bay sizes.

Not surprisingly they have already found a use in the economic conversion of draughty open store



sheds to comfortable weatherproof workshops and livestock shelters. The open knitted structure of the windbreak material, which provides ventilation without draughts, means that they will significantly reduce penetrating snow and rain to provide excellent storage for hay, straw or even logs.

■ For further information please contact:- Thomas & Fontaine Ltd Tel: 0800 7832804 or visit our website

www.securecovers.com

DRY, LIGHT & AIRY

All housed farm animals need clean food, clean water and dry clean beds but often the requirement for clean air is either under estimated or is difficult to achieve. This is often the case in older or non-purpose built sheds. Sometimes even new purpose built sheds struggle to cope with strong winds and driving rain. When the wind is howling and rain lashing the buildings there is an understandable temptation to shut doors and block off openings but in the absence of fans and filters this could cause a bigger problem. Active airflow by natural ventilation is essential for maintaining animal health and is vital in the successful rearing of young stock. Natural ventilation allows clean fresh air to flow into a building whilst warm, humid air rises up and out of the housing carrying with it waste gases like carbon dioxide, ammonia and methane. This positive airflow also effectively removes airborne pathogens, dust and mould spores.

So how do you know if there is a problem and what is the solution? How do you feel when you go into the barn, does it feel damp, humid or dusty? Breathe in deeply, does it make you cough? If in



any doubt consult your farm vet who can carry out a smoke bomb test to show the extent of airflow through the shed.

If there is insufficient airflow then Secure Windbreaks can replace solid side panels or if cold draughts are a problem Secure Windbreaks can be fitted above exposed doors or feed runs. The windbreaks are made in a range of sizes from the same tough knitted material as our Secure Covers and can be fitted rapidly and held in place with a simple hook & ratchet system. In no time at all Secure Windbreaks convert a draughty open shed into a comfortable, airy livestock shelter.

At Upper Criggie near Stonehaven (only 3 miles from the sea and at 450ft elevation).

Scott and Bruce Begg wanted a system to improve the comfort of their housed beef herd during the harsh wet winters. Scott Begg reported that, "Secure Windbreaks have done a great job. The building is now sheltered but airy and the rain no longer blows in so we've saved on bedding."

Secure Windbreaks are also used in workshops, straw & hay stores and equestrian buildings.



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WEATHER PROTECTION WITH SECURE WINDBREAKS

Secure Windbreaks have been designed in response to farmers wanting a tough long lasting alternative to traditional timber boarding for weatherproofing stock sheds. They can also be used to reduce draughts from above exposed doors and feed runs whilst still providing ventilation. Manufactured from the same long lasting UV resistant material used in our tried and tested Secure Covers silage covers, Secure Windbreaks have the same inherent toughness and resilience. Moreover if accidentally damaged the material will not fray, overcoming the shredding problems seen in some woven windbreaks.



Secure Windbreaks are held in place by a hook and ratchet system which makes it simple and quick to install. The tensioning straps are not fixed directly to the windbreak fabric but instead run through sleeves. This ensures that the windbreak fabric is not under tension thus increasing longevity. Our confidence in the quality of Secure Windbreaks means that we offer a full 10 year UV guarantee.

Secure Windbreaks are available in a standard range of sizes from 4.75m (15 feet) to 13.7m (45 feet). Due to the non-fray fabric structure the standard sizes are fully adjustable to any width of bay. The windbreaks come in 4 heights 1.5m, 2m, 2.5m and 3m. In addition we can also make non-standard sizes.

Secure Windbreaks are very efficient in allowing fresh air and light into buildings whilst providing weather protection and can be quickly used to economically convert store sheds into comfortable, airy livestock shelters. This is exactly what Mr Brian Coupland has done on his farm at Dunsop Bridge near Clitheroe. Mr Coupland, with 1100 breeding ewes, 200 hogs and 400 beef cattle at his farm, needs to get the best use out of all his stock buildings. When he needed to find more space for fattening lambs he removed the Yorkshire boarding from a barn and replaced it with Secure Windbreaks to give a lighter, better ventilated environment for the young stock. Mr Coupland is delighted with the result "The Secure Windbreaks have done an excellent job. The atmosphere within the building is consistent, without extremes and keeps fresher."

Secure Windbreaks are quick and easy to

install and the open knitted structure of the windbreak material, which provides ventilation without draughts; means that they will significantly reduce penetrating snow and rain keeping bedding and livestock dry.



Brian Parry, who milks 160 cows at his farm near Monmouth had a problem with the wind and rain on the south west side of a new building which meant that bedding was getting wet and cows were not using the whole of the building. "We fitted Secure Windbreaks above the doors and have totally resolved the problem without compromising the ventilation. The Secure Windbreaks were easy to put up and I can push them up out of the way for access. They are strong and look good on the new building."

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Positive changes to livestock housing put in practice at Clyde monitor farm



The recently installed Secure Windbreaks on south facing side of the building at Carstairs Mains. Photo courtesy of Quality Meat Scotland (QMS).

AFTER SOME straightforward changes were made to livestock housing, significant improvement in calf health has been observed at the Clyde monitor farm, Carstairs Mains, a 650acre unit in South Lanarkshire, owned by Andrew Baillie.

Carstairs Mains, a mixed livestock and

arable farm, is part of the network of Quality Meat Scotland (QMS) monitor farms throughout Scotland.

Calf pneumonia had been an on-going problem for Mr Baillie, who bull-beefs all the bull calves born in his 75-head suckler herd, along with an additional 120 dairy bull calves, purchased at approximately

10-weeks-old, from two local dairy farms.

To give the dairy calves protection against the most common viruses and bacteria which cause pneumonia, they are double-vaccinated on their farms of origin, with a combined viral and bacterial vaccine.

Nevertheless, pneumonia had been acknowledged by Mr Baillie to be suppressing the performance of the young bulls, as well as being the cause of mortalities.

Calf pneumonia had been discussed at the December, 2012, monitor farm meeting. Farm vet Charles Marwood of the Clyde Vet Group had told the group: "The maintenance of a supply of fresh air lessens the risk of pneumonia. Air quality is important and good ventilation helps to prevent the build up of humidity caused by vapour from the stock, dung, bedding and water spillage."

By igniting smoke bombs among the housed cattle, Mr Marwood had illustrated the air movement within the buildings, while explaining "the ideal situation is for the smoke to disperse through the building's roof within two minutes."

After observing the behaviour of the smoke, the group had promptly suggested that Mr Baillie should remove the roof ridging from the main finishing building.

A few days later the roof ridging was off.

At the recent meeting, Mr Baillie updated the group. "Within minutes of the roof ridge being opened up, I walked into the shed and straight away the air quality had noticeably improved – an almost unbelievable, instantly better atmosphere, at virtually no cost!"

Also, after heeding comments from the group at the December meeting, Mr Baillie had put Secure Cover Windbreak curtains along what was an open-sided building, where young calves were housed. At the December meeting the group, vet Charles Marwood had felt that the open, south facing

side, had left the calves too vulnerable to chilling, winter winds.

"I considered Yorkshire boarding which would have cost around £1200 plus several days work to put up," explained Mr Baillie. "But decided on the curtains, which were a couple of hundred pounds cheaper and only took a few hours to erect. Also, each curtain covers one bay, and can individually be rolled up, fully or partially, as the weather changes."

At the December meeting the youngest calves had been in the then open-sided building. "As a temporary measure, the recent new intake groups have gone into the warmer, main building, with batches of older calves currently being penned in the building with the windbreak curtains. Both groups are clearly thriving and content," said Mr Baillie.

"Since making these simple changes to the buildings, the health of the young bulls is noticeably better, and there's been no pneumonia in the most recent intake of dairy calves, a welcome improvement on previous batches."

Mr Baillie electronically tags his bulls and monitors individual liveweight gain with fortnightly weighings.

"It will be interesting to compare the performance, right through to slaughter, of previous batches of bulls, against the batches which have arrived since the changes were made to the buildings," remarked Mr Baillie.

The next Clyde monitor farm meeting will be on May 22.

For more information, please contact either of the joint facilitators:

Grant Conchie, telephone: 01555 662562, email: grant.conchie@sac.co.uk or Raymond Cregar, telephone: 01292 525458, email: raymond.cregar@sac.co.uk

For general information on monitor farms, plus detailed reports of meetings: www.qmscotland.co.uk/monitorfarms.

