



VELUX in the path of a

**SNOW**

**STORM**

Australia has its share of extreme weather. Cyclones, hailstorms, torrential rain, heatwaves...but few places are as extreme as Mount Hotham.

Snow and sub zero temperatures are possible at any time of year. More than half a metre of snow can fall in a single night. Wind speeds can exceed 200 kph...

**VELUX®**

ready for everything Australia throws at it...

# MT. HOTHAM WINTER

Mount Hotham is an idyllic winter wonderland but it's also home to some of Australia's most extreme weather. General manager Graeme Blair at the Arlberg Snow Resort has experienced more than most...

"Mount Hotham is the 'powder capital' of Australia and has the most extreme ski terrain," he explains, "it comes at a price, though..."

**Up to 60-70 cm snow in 24 hours**

"Mount Hotham holds the record for the highest annual rainfall of any Victorian resort village. In the winter it equates to more than 300 cm of snow and I've seen 60-70 cm fall in just 24 hours. Snow and sub

zero temperatures can occur throughout the year – even in midsummer."

**Harrowing winds of up to 200 kph**

"The Arlberg Snow Resort is perched right at the top of the mountain with no protection from the elements whatsoever. Rain, snow and winds of up to 200 kph are part of daily life up here. But all is forgotten the moment you have your

first morning run down the mountain in virgin powder snow beneath blue skies."

**T-shirt one moment, minus 5° C the next**

"Natural weather patterns are part of the beauty and mystique of the mountain. One moment you're skiing in a t-shirt, the next it's minus 5° C and you're in the middle of a snowstorm. Mount Hotham is not for the faint-hearted."



THE ARLBERG SNOW RESORT IS 1,750 M ABOVE SEA LEVEL



MOUNT HOTHAM IS NICKNAMED 'THE POWDER CAPITAL OF AUSTRALIA'.

## FACTS

### MT. HOTHAM'S EXTREME WEATHER

Highest annual rainfall of any Victorian resort

More than half a metre of snow can fall in a single night

Snow and sub zero temperatures can occur throughout the year

Frequent maximum temperatures below freezing

Annual snowfall above 300 cm

### VELUX – TESTED TO EXTREMES

#### Load tested

120 kg of concentrated load on the two weakest points proved no match for VELUX skylights. All VELUX skylights surpass AS 4285 and AS 1288.

#### Watertightness tested

VELUX skylights have passed the same watertightness test as roof tiles.

#### Wind pressure tested

VELUX skylights are wind pressure tested in accordance with AS 4285. They are suitable even for cyclonic regions in the far northern parts of Australia.

Image credit: Ginge Woodward, Hotham Skiing Company

**VELUX®**

THE ARLBERG SNOW RESORT IS MOUNT HOTHAM'S LARGEST.



# VELUX SUITS MT. HOTHAM IN THE WINTER

The Arlberg Snow Resort recently replaced 26 skylights with VELUX skylights. They are designed to handle anything the Australian winter throws at them...

General manager Graeme Blair from the Arlberg Snow Resort did his homework before the decision of replacing the existing skylights with VELUX was made...

### Wind pressure and load tested

"VELUX came up trumps no matter who I asked and where I looked. No other skylight that I could find has been so thoroughly tested. With winds of up to 200 kph and snowfall of up to 60-70 cm in 24 hours, we have to be absolutely certain that our skylights are up to the challenge. I don't want to have to replace skylights again."

### Watertight

"Even though our skylights are at a 45 degree angle, snow still builds up on and around them. With our previous skylights we had condensation and leaks. Puddles inside would force us to change bookings and move people. Apart from the hassle for us and the guests, it was also costly. We often had to compensate guests,

e.g. with a \$100 voucher to the restaurant. Thankfully those days are over. Our new VELUX skylights give us complete peace of mind - they have passed the same watertightness test as roof tiles."

### Reduced energy costs

"Heating is obviously a major expense for the resort. Our previous skylights were single glazed and let a lot of heat out in the winter. VELUX skylights are double glazed and have achieved a 4.5 star WERS winter rating. That will translate into major cost savings for the Arlberg Snow Resort."



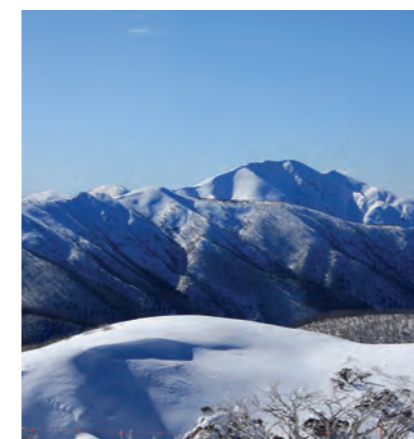
WITH A 4.5 STAR WERS WINTER RATING, VELUX SKYLIGHTS KEEP THE HEAT INSIDE.



MOUNT HOTHAM'S SNOWFALL IS AMONG THE HIGHEST IN AUSTRALIA.



HOTHAM AIRPORT IS ONLY 20 MINUTES FROM THE RESORT VILLAGE.



THE VICTORIAN ALPS OFFER SPECTACULAR VIEWS.



GENERAL MANAGER GRAEME BLAIR, ARLBERG SNOW RESORT



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