

## Black Mountain Natural Wool insulation Safer by nature



### ■ Wool means: low-allergy.

Wool is the safest insulation material on the market today. By its nature it doesn't harbour dangerous chemicals, dust or mold that can lead to allergic or other reactions. And it's treated with Boron for additional safety.

### ■ Wool means: non-combustible.

Unlike almost all alternatives, wool is non-flammable. Put simply, it needs more oxygen to become flammable than there is in the air. Making it one of the most fire-safe materials imaginable.

### ■ Wool means: Formaldehyde free.

Formaldehyde is a carcinogenic nasty, used as a binder in large numbers of building products. These include timber, OSB, MDF, paints, plastic ...as well as mineral wool insulation. A number of US mineral fibre insulation manufacturers have discontinued the use of formaldehyde binders due to health concerns. Real wool has never had this problem.

### ■ Wool means: Formaldehyde-protective.

What's more, wool has a unique ability to absorb formaldehyde - locking it permanently into the fibre. In fact, studies show that 80% of formaldehyde in the atmosphere is absorbed within a short period of time. No man made insulation has this remarkable feature.

### ■ Wool means: a millennia-long safety record.

Wool's unbeatable safety profile has been

proven over a period of millennia. Man-made fibre insulation, by contrast, is far more recent - with issues that have yet to be ironed out. It's made from extremely fine, brittle strands which can become airborne due to handling, then inhaled, damaging the respiratory tract. They also cause severe irritation when they come into contact with skin. Safety clothing and mask are required when installing these products. Wool doesn't need these precautions.

### ■ Wool means: no mould, no mess.

Man made insulation can often become a breeding ground for mould growth in damp conditions. Black Mountain Wool, by contrast, is treated with non-toxic material to prevent mould growth.

### ■ Wool means: no dust or hazardous VOC's.

Black Mountain Wool is a natural product and emits no VOCs. Wool can also absorb a number of VOC's from surrounding materials and lock this within the fibre core permanently. Man-made insulation cannot absorb VOCs.

### ■ Wool means: a better material for sensitive locations.

Wool's excellent safety profile makes it an ideal product for every location - and especially those where health and safety are prime concerns. Including hospitals, churches, schools and nursing homes. Where wool can provide full long life performance without posing any risk to occupants over its tenure.

